CCS Technical Documentation
RH-3 Series Transceivers

Parts Lists

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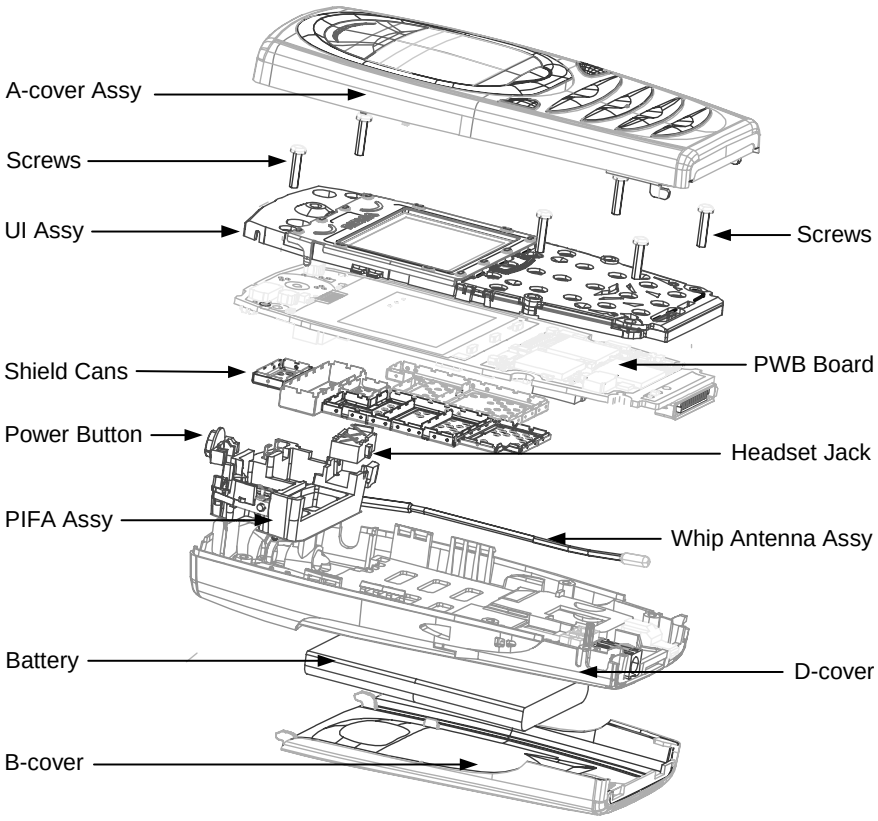
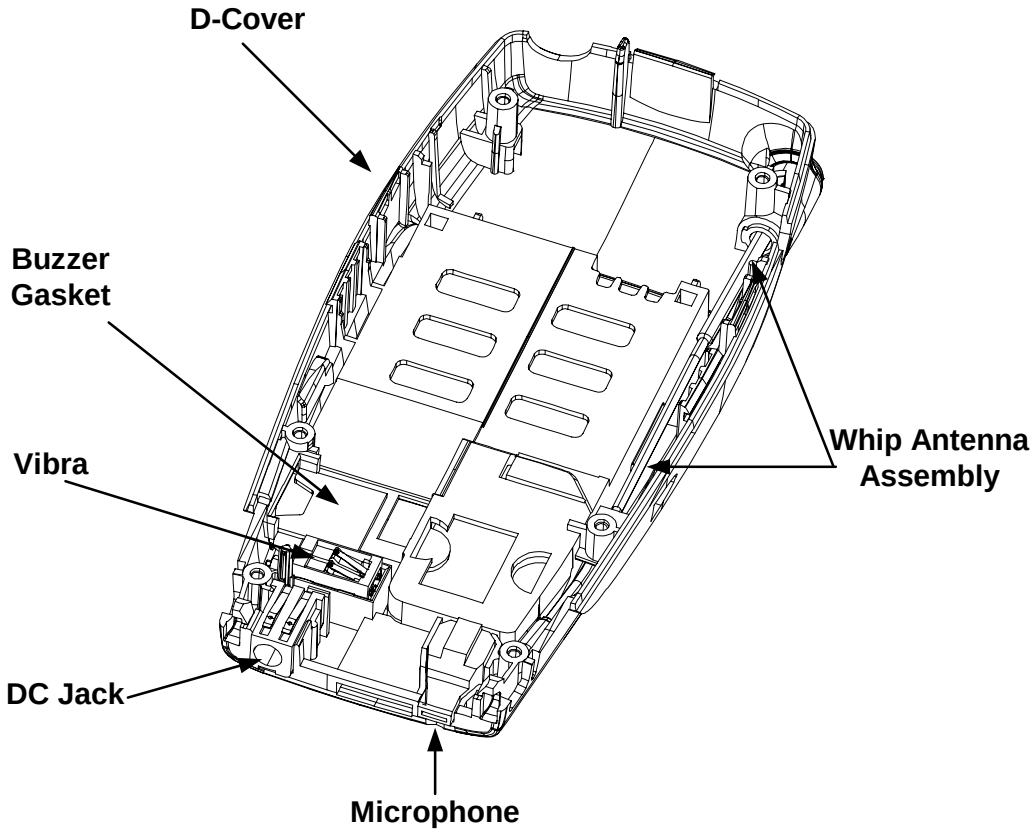
Exploded View



Assembly Parts List

Qty	Description	Product code RH-3	Product code RH-3P	Product code RH-3DNG
1	A-cover assembly (includes keymat)	9497267	9497267	9497267
6	screws	6290159	6290159	6290159
1	UI assembly	9491486	9481010	9481010
1	PWB module	0202057	0202081	0202107
1	headset jack	5400293	5400293	5400293
1	power button	9452765	9452765	9452765
1	PIFA assembly	0660287	0660287	0660287
1	whip antenna assembly	0660288	0660288	0660288
1	D-cover	9452762	9452762	9452762
1	battery	0670398	0670398	0670398
1	B-cover	9497265	9497265	9497265

D-cover Assembly

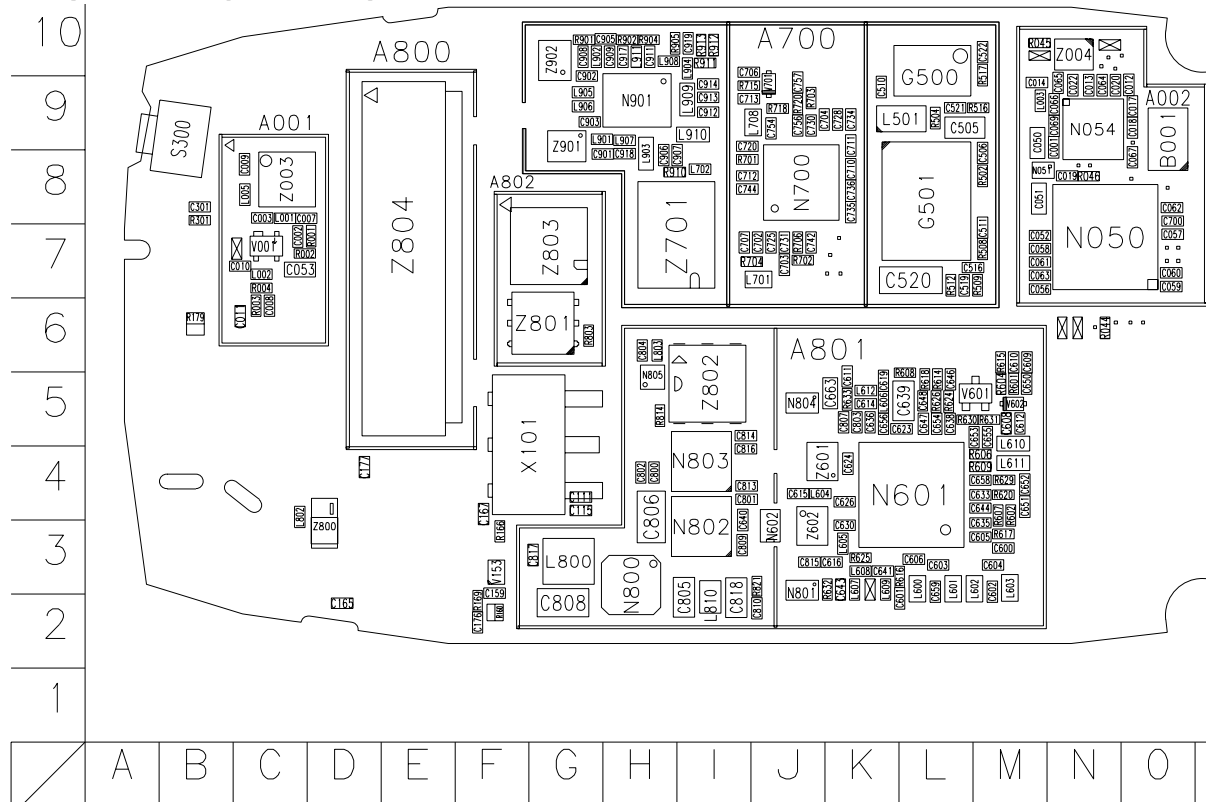


D-cover Assembly Parts List

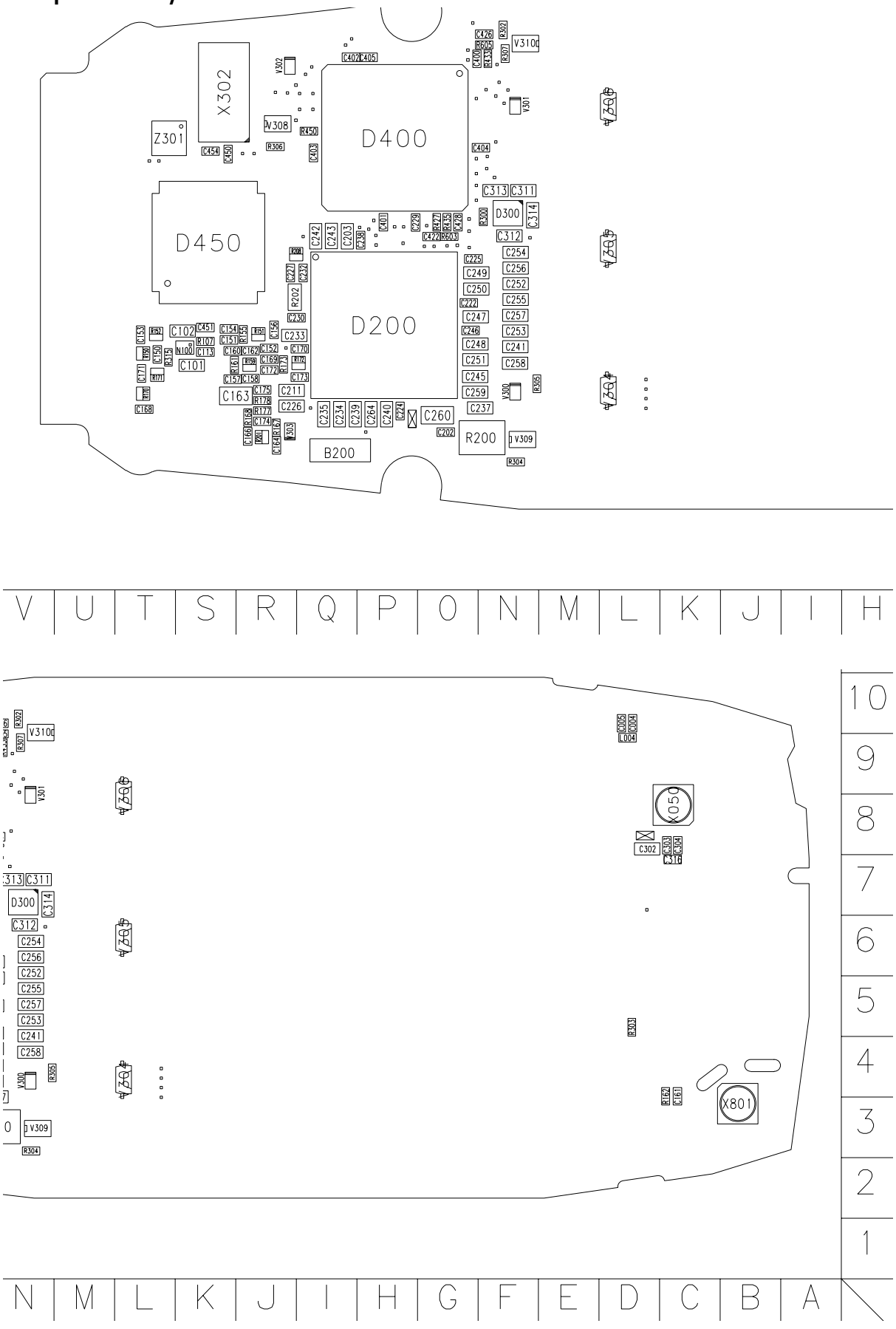
Description	Product Code
D-cover	9452762
buzzer gasket	9481009
vibra	6800063
DC jack	5400243
microphone	5140265
whip antenna assembly	0660288

Model 2285

Component Layout - Top



Component Layout - Bottom



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RH-3 (2285) – EDMS Issue 2.59 Code: 0202057

Item	Code	Side	X	Y	Description	Value	Type
R001	1430788	Top	D	7	chip res 0W06	22K J	0402
R002	1430728	Top	C	7	chip res 0W06	120R J	0402
R003	1430700	Top	C	6	chip res 0W06	10R J	0402
R004	1430732	Top	C	7	chip res 0W06	180R J	0402
R044	1430804	Top	N	6	chip res 0W06	100K J	0402
R045	1430690	Top	M	10	chip res jumper	0R0	0402
R046	1430804	Top	N	8	chip res 0W06	100K J	0402
R100	1620027	Top	T	6	res network 0W06	2X47R J	0404
R101	1620027	Top	T	6	res network 0W06	2X47R J	0404
R102	1620027	Top	T	6	res network 0W06	2X47R J	0404
R103	4120011	Top	T	6	ZDIX4 IP4043CX5 CA	14V2 10W	CSP5
R104	1430812	Top	T	6	chip res 0W06	220K J	0402
R105	1825031	Top	T	5	varistor array 2XVWM	16V VC50	0405
R106	1820039	Top	P	6	NTC res 0W1 47K J	B=4050+/-3%	0402
R107	1430804	Bottom	S	5	chip res 0W06	100K J	0402
R108	1430690	Top	U	6	chip res jumper	0R0	0402
R109	1430804	Top	T	7	chip res 0W06	100K J	0402
R111	1825031	Top	T	5	varistor array 2XVWM	16V VC50	0405
R150	1620031	Bottom	T	4	res network 0W06	2X1K0 J	0404
R151	1620031	Bottom	R	5	res network 0W06	2X1K0 J	0404
R152	1620031	Bottom	T	5	res network 0W06	2X1K0 J	0404
R154	1430726	Top	T	5	chip res 0W06	100R J	0402
R155	1430796	Bottom	R	5	chip res 0W06	47K J	0402
R159	1620031	Bottom	R	4	res network 0W06	2X1K0 J	0404
R160	1620031	Top	F	2	res network 0W06	2X1K0 J	0404
R161	1430796	Bottom	S	4	chip res 0W06	47K J	0402
R162	1430754	Bottom	C	4	chip res 0W06	1K0 J	0402
R166	1430700	Top	F	3	chip res 0W06	10R J	0402
R167	1430693	Bottom	R	3	chip res 0W06	5R6 J	0402
R168	1430693	Bottom	R	3	chip res 0W06	5R6 J	0402
R169	1430758	Top	F	2	chip res 0W06	1K5 J	0402

Item	Code	Side	X	Y	Description	Value	Type
R170	1620031	Bottom	T	4	res network 0W06	2X1K0 J	0404
R171	1620031	Bottom	T	4	res network 0W06	2X1K0 J	0404
R172	1620031	Bottom	Q	4	res network 0W06	2X1K0 J	0404
R173	1430796	Bottom	R	4	chip res 0W06	47K J	0402
R177	1430693	Bottom	R	3	chip res 0W06	5R6 J	0402
R178	1430693	Bottom	R	4	chip res 0W06	5R6 J	0402
R179	1825031	Top	B	6	varistor array 2XVWM	16V VC50	0405
R200	1419003	Bottom	N	3	chip res 0W5 0R22 J	200ppm	1210
R201	1620035	Bottom	R	3	res network 0W06	2X10R J	0404
R202	1620067	Bottom	R	5	res network 0W06	4X100K J	0804
R208	1620029	Bottom	R	6	res network 0W06	2X4K7 J	0404
R300	1430728	Bottom	N	7	chip res 0W06	120R J	0402
R301	1430770	Top	B	8	chip res 0W06	4K7 J	0402
R302	1430754	Bottom	N	10	chip res 0W06	1K0 J	0402
R303	1430778	Bottom	D	5	chip res 0W06	10K J	0402
R304	1430728	Bottom	N	3	chip res 0W06	120R J	0402
R305	1430728	Bottom	N	4	chip res 0W06	120R J	0402
R306	1430728	Bottom	R	8	chip res 0W06	120R J	0402
R307	1430728	Bottom	N	9	chip res 0W06	120R J	0402
R315	1430804	Bottom	T	4	chip res 0W06	100K J	0402
R388	4120071	Top	Q	6	ASIP EMIF03-SIM01	SIM filter	BGA8
R427	1430764	Bottom	O	7	chip res 0W06	3K3 J	0402
R433	1430764	Bottom	N	9	chip res 0W06	3K3 J	0402
R435	1430764	Bottom	O	7	chip res 0W06	3K3 J	0402
R450	1430770	Bottom	Q	8	chip res 0W06	4K7 J	0402
R502	1430681	Top	M	8	chip res 0W06	4R3 J	0402
R504	1430718	Top	L	9	chip res 0W06	47R J	0402
R508	1430770	Top	M	7	chip res 0W06	4K7 J	0402
R509	1430770	Top	M	7	chip res 0W06	4K7 J	0402
R512	1430772	Top	L	7	chip res 0W06	5K6 J	0402
R516	1430700	Top	M	9	chip res 0W06	10R J	0402
R517	1430778	Top	M	10	chip res 0W06	10K J	0402

Item	Code	Side	X	Y	Description	Value	Type
R601	1430754	Top	M	5	chip res 0W06	1K0 J	0402
R602	1430726	Top	M	4	chip res 0W06	100R J	0402
R603	1430726	Bottom	O	6	chip res 0W06	100R J	0402
R604	1430754	Top	M	5	chip res 0W06	1K0 J	0402
R605	1430726	Bottom	N	9	chip res 0W06	100R J	0402
R606	1430693	Top	M	4	chip res 0W06	5R6 J	0402
R607	1430681	Top	M	4	chip res 0W06	4R3 J	0402
R608	1430681	Top	L	5	chip res 0W06	4R3 J	0402
R609	1430693	Top	M	4	chip res 0W06	5R6 J	0402
R614	1430700	Top	L	5	chip res 0W06	10R J	0402
R615	1430754	Top	M	6	chip res 0W06	1K0 J	0402
R616	1430758	Top	L	3	chip res 0W06	1K5 J	0402
R617	1430681	Top	M	3	chip res 0W06	4R3 J	0402
R618	1430700	Top	L	5	chip res 0W06	10R J	0402
R620	1430700	Top	M	4	chip res 0W06	10R J	0402
R624	1430762	Top	L	5	chip res 0W06	2K2 J	0402
R625	1430756	Top	K	3	chip res 0W06	1K2 J	0402
R626	1430772	Top	L	5	chip res 0W06	5K6 J	0402
R629	1430693	Top	M	4	chip res 0W06	5R6 J	0402
R630	1430772	Top	L	5	chip res 0W06	5K6 J	0402
R631	1430772	Top	M	5	chip res 0W06	5K6 J	0402
R632	1430691	Top	K	3	chip res 0W06	2R2 J	0402
R633	1430681	Top	K	5	chip res 0W06	4R3 J	0402
R701	1430700	Top	I	8	chip res 0W06	10R J	0402
R702	1430754	Top	J	7	chip res 0W06	1K0 J	0402
R703	1430700	Top	J	9	chip res 0W06	10R J	0402
R704	1430746	Top	J	7	chip res 0W06	560R J	0402
R706	1430806	Top	J	7	chip res 0W06	120K J	0402
R715	1430700	Top	I	9	chip res 0W06	10R J	0402
R718	1430772	Top	J	9	chip res 0W06	5K6 J	0402
R720	1430764	Top	J	9	chip res 0W06	3K3 J	0402
R803	1430754	Top	G	6	chip res 0W06	1K0 J	0402

Item	Code	Side	X	Y	Description	Value	Type
R814	1430754	Top	H	5	chip res 0W06	1K0 J	0402
R821	1820039	Top	J	3	NTC res 0W1 47K J	B=4050+/-3%	0402
R901	1430681	Top	G	10	chip res 0W06	4R3 J	0402
R902	1430796	Top	H	10	chip res 0W06	47K J	0402
R904	1430796	Top	H	10	chip res 0W06	47K J	0402
R905	1430724	Top	H	10	chip res 0W06	82R J	0402
R910	1430693	Top	H	8	chip res 0W06	5R6 J	0402
R911	1430708	Top	I	10	chip res 0W06	18R J	0402
R912	1430738	Top	I	10	chip res 0W06	270R J	0402
R913	1430738	Top	I	10	chip res 0W06	270R J	0402
C001	2320544	Top	N	9	chip cap NP0	22P J 50V	0402
C002	2320805	Top	C	7	chip cap X5R	100N K 10V	0402
C003	2320544	Top	C	8	chip cap NP0	22P J 50V	0402
C004	2320540	Bottom	D	10	chip cap NP0	15P J 50V	0402
C005	2320903	Bottom	D	10	chip cap NP0	HQ 2P7 J 16V	0402
C007	2320544	Top	C	8	chip cap NP0	22P J 50V	0402
C008	2320544	Top	C	6	chip cap NP0	22P J 50V	0402
C009	2320544	Top	C	8	chip cap NP0	22P J 50V	0402
C010	2320903	Top	C	7	chip cap NP0	HQ 2P7 J 16V	0402
C011	2320544	Top	C	6	chip cap NP0	22P J 50V	0402
C012	2320778	Top	O	9	chip cap X7R	10N K 16V	0402
C013	2320778	Top	N	9	chip cap X7R	10N K 16V	0402
C014	2320524	Top	M	9	chip cap NP0	3P3 C 50V	0402
C017	2320805	Top	O	9	chip cap X5R	100N K 10V	0402
C018	2320903	Top	O	9	chip cap NP0	HQ 2P7 J 16V	0402
C019	2320805	Top	N	8	chip cap X5R	100N K 10V	0402
C020	2320805	Top	N	9	chip cap X5R	100N K 10V	0402
C022	2320544	Top	N	9	chip cap NP0	22P J 50V	0402
C050	2320481	Top	M	9	chip cap X5R	1U K 6V3	0603
C051	2320481	Top	M	8	chip cap X5R	1U K 6V3	0603
C052	2320778	Top	M	7	chip cap X7R	10N K 16V	0402
C053	2320481	Top	C	7	chip cap X5R	1U K 6V3	0603

Item	Code	Side	X	Y	Description	Value	Type
C056	2320805	Top	M	7	chip cap X5R	100N K 10V	0402
C057	2320805	Top	O	7	chip cap X5R	100N K 10V	0402
C058	2320805	Top	M	7	chip cap X5R	100N K 10V	0402
C059	2320805	Top	O	7	chip cap X5R	100N K 10V	0402
C060	2320805	Top	O	7	chip cap X5R	100N K 10V	0402
C061	2320805	Top	M	7	chip cap X5R	100N K 10V	0402
C062	2320805	Top	O	8	chip cap X5R	100N K 10V	0402
C063	2320805	Top	M	7	chip cap X5R	100N K 10V	0402
C064	2320544	Top	N	9	chip cap NP0	22P J 50V	0402
C065	2320544	Top	N	9	chip cap NP0	22P J 50V	0402
C066	2320544	Top	N	9	chip cap NP0	22P J 50V	0402
C067	2320544	Top	O	8	chip cap NP0	22P J 50V	0402
C069	2320544	Top	N	9	chip cap NP0	22P J 50V	0402
C101	2320481	Bottom	S	4	chip cap X5R	1U K 6V3	0603
C102	2320481	Bottom	S	5	chip cap X5R	1U K 6V3	0603
C103	2320544	Top	T	7	chip cap NP0	22P J 50V	0402
C104	2320544	Top	T	6	chip cap NP0	22P J 50V	0402
C105	2320544	Top	T	6	chip cap NP0	22P J 50V	0402
C106	2320584	Top	T	7	chip cap X7R	1N0 J 50V	0402
C111	2320560	Top	G	4	chip cap NP0	100P J 50V	0402
C113	2320778	Bottom	S	4	chip cap X7R	10N K 16V	0402
C115	2320785	Top	G	4	chip cap X7R	47N K 10V	0402
C150	2320805	Bottom	T	4	chip cap X5R	100N K 10V	0402
C151	2320805	Bottom	S	5	chip cap X5R	100N K 10V	0402
C152	2320552	Bottom	R	4	chip cap NP0	47P J 50V	0402
C153	2320552	Bottom	T	5	chip cap NP0	47P J 50V	0402
C154	2320805	Bottom	S	5	chip cap X5R	100N K 10V	0402
C156	2320552	Bottom	R	5	chip cap NP0	47P J 50V	0402
C157	2320805	Bottom	S	4	chip cap X5R	100N K 10V	0402
C158	2320552	Bottom	R	4	chip cap NP0	47P J 50V	0402
C159	2320552	Top	F	3	chip cap NP0	47P J 50V	0402
C160	2320805	Bottom	S	4	chip cap X5R	100N K 10V	0402

Item	Code	Side	X	Y	Description	Value	Type
C161	2320805	Bottom	C	4	chip cap X5R	100N K 10V	0402
C162	2320552	Bottom	R	4	chip cap NP0	47P J 50V	0402
C163	2310037	Bottom	S	4	chip cap X5R	10U M 6V3	0805
C164	2320552	Bottom	R	3	chip cap NP0	47P J 50V	0402
C165	2320552	Top	D	2	chip cap NP0	47P J 50V	0402
C166	2320552	Bottom	R	3	chip cap NP0	47P J 50V	0402
C167	2320552	Top	F	4	chip cap NP0	47P J 50V	0402
C168	2320805	Bottom	T	3	chip cap X5R	100N K 10V	0402
C169	2320805	Bottom	R	4	chip cap X5R	100N K 10V	0402
C170	2320552	Bottom	Q	4	chip cap NP0	47P J 50V	0402
C171	2320552	Bottom	T	4	chip cap NP0	47P J 50V	0402
C172	2320805	Bottom	R	4	chip cap X5R	100N K 10V	0402
C173	2320552	Bottom	Q	4	chip cap NP0	47P J 50V	0402
C174	2320552	Bottom	R	3	chip cap NP0	47P J 50V	0402
C175	2320552	Bottom	R	4	chip cap NP0	47P J 50V	0402
C176	2320805	Top	F	2	chip cap X5R	100N K 10V	0402
C177	2320552	Top	D	4	chip cap NP0	47P J 50V	0402
C202	2320778	Bottom	O	3	chip cap X7R	10N K 16V	0402
C203	2320481	Bottom	Q	6	chip cap X5R	1U K 6V3	0603
C211	2320481	Bottom	R	4	chip cap X5R	1U K 6V3	0603
C222	2320805	Bottom	O	5	chip cap X5R	100N K 10V	0402
C224	2320143	Bottom	P	3	chip cap X5R	220N K 6.3V	0402
C225	2320805	Bottom	O	6	chip cap X5R	100N K 10V	0402
C226	2320481	Bottom	R	4	chip cap X5R	1U K 6V3	0603
C227	2320778	Bottom	R	6	chip cap X7R	10N K 16V	0402
C229	2320805	Bottom	P	7	chip cap X5R	100N K 10V	0402
C230	2320778	Bottom	R	5	chip cap X7R	10N K 16V	0402
C232	2320778	Bottom	Q	6	chip cap X7R	10N K 16V	0402
C233	2320481	Bottom	R	5	chip cap X5R	1U K 6V3	0603
C234	2320481	Bottom	Q	3	chip cap X5R	1U K 6V3	0603
C235	2320481	Bottom	Q	3	chip cap X5R	1U K 6V3	0603
C237	2320481	Bottom	N	3	chip cap X5R	1U K 6V3	0603

Item	Code	Side	X	Y	Description	Value	Type
C238	2320805	Bottom	P	6	chip cap X5R	100N K 10V	0402
C239	2320481	Bottom	Q	3	chip cap X5R	1U K 6V3	0603
C240	2320481	Bottom	P	3	chip cap X5R	1U K 6V3	0603
C241	2320481	Bottom	N	5	chip cap X5R	1U K 6V3	0603
C242	2320481	Bottom	Q	6	chip cap X5R	1U K 6V3	0603
C243	2320481	Bottom	Q	6	chip cap X5R	1U K 6V3	0603
C244	2320805	Top	R	6	chip cap X5R	100N K 10V	0402
C245	2320481	Bottom	O	4	chip cap X5R	1U K 6V3	0603
C246	2320805	Bottom	O	5	chip cap X5R	100N K 10V	0402
C247	2320481	Bottom	O	5	chip cap X5R	1U K 6V3	0603
C248	2320481	Bottom	O	5	chip cap X5R	1U K 6V3	0603
C249	2320481	Bottom	O	6	chip cap X5R	1U K 6V3	0603
C250	2320481	Bottom	O	5	chip cap X5R	1U K 6V3	0603
C251	2320481	Bottom	O	4	chip cap X5R	1U K 6V3	0603
C252	2320481	Bottom	N	6	chip cap X5R	1U K 6V3	0603
C253	2320481	Bottom	N	5	chip cap X5R	1U K 6V3	0603
C254	2320481	Bottom	N	6	chip cap X5R	1U K 6V3	0603
C255	2320481	Bottom	N	5	chip cap X5R	1U K 6V3	0603
C256	2320481	Bottom	N	6	chip cap X5R	1U K 6V3	0603
C257	2320481	Bottom	N	5	chip cap X5R	1U K 6V3	0603
C258	2320481	Bottom	N	4	chip cap X5R	1U K 6V3	0603
C259	2320481	Bottom	O	4	chip cap X5R	1U K 6V3	0603
C260	2310037	Bottom	O	3	chip cap X5R	10U M 6V3	0805
C264	2320481	Bottom	P	3	chip cap X5R	1U K 6V3	0603
C301	2320778	Top	B	8	chip cap X7R	10N K 16V	0402
C302	2320125	Bottom	D	8	chip cap X5R	1U K16V	0603
C303	2320805	Bottom	C	8	chip cap X5R	100N K 10V	0402
C304	2320805	Bottom	C	8	chip cap X5R	100N K 10V	0402
C311	2320125	Bottom	N	7	chip cap X5R	1U K16V	0603
C312	2320125	Bottom	N	6	chip cap X5R	1U K16V	0603
C313	2320125	Bottom	N	7	chip cap X5R	1U K16V	0603
C314	2320125	Bottom	N	7	chip cap X5R	1U K16V	0603

Item	Code	Side	X	Y	Description	Value	Type
C316	2320805	Bottom	C	7	chip cap X5R	100N K 10V	0402
C400	2320805	Bottom	O	9	chip cap X5R	100N K 10V	0402
C401	2320805	Bottom	P	7	chip cap X5R	100N K 10V	0402
C402	2320805	Bottom	Q	9	chip cap X5R	100N K 10V	0402
C403	2320805	Bottom	Q	8	chip cap X5R	100N K 10V	0402
C404	2320805	Bottom	N	8	chip cap X5R	100N K 10V	0402
C405	2320805	Bottom	P	9	chip cap X5R	100N K 10V	0402
C422	2320778	Bottom	O	6	chip cap X7R	10N K 16V	0402
C426	2320778	Bottom	N	10	chip cap X7R	10N K 16V	0402
C428	2320778	Bottom	O	7	chip cap X7R	10N K 16V	0402
C450	2320778	Bottom	S	8	chip cap X7R	10N K 16V	0402
C451	2320805	Bottom	S	5	chip cap X5R	100N K 10V	0402
C454	2320778	Bottom	S	8	chip cap X7R	10N K 16V	0402
C505	2312243	Top	L	9	chip cap X5R	4U7 K 6V3	0805
C506	2320548	Top	M	8	chip cap NP0	33P J 50V	0402
C510	2320584	Top	K	9	chip cap X7R	1N0 J 50V	0402
C511	2320584	Top	M	7	chip cap X7R	1N0 J 50V	0402
C516	2320588	Top	M	7	chip cap X7R	1N5 J 50V	0402
C519	2320618	Top	L	7	chip cap X7R	4N7 J 25V	0402
C520	2420029	Top	L	7	chip cap PPS	39N G 16V	1206
C521	2320805	Top	L	9	chip cap X5R	100N K 10V	0402
C522	2320584	Top	M	10	chip cap X7R	1N0 J 50V	0402
C600	2320584	Top	M	3	chip cap X7R	1N0 J 50V	0402
C601	2320596	Top	L	2	chip cap X7R	3N3 J 50V	0402
C602	2320548	Top	M	3	chip cap NP0	33P J 50V	0402
C603	2320540	Top	L	3	chip cap NP0	15P J 50V	0402
C604	2320009	Top	M	3	chip cap NP0	10P J 50V	0402
C605	2320584	Top	M	3	chip cap X7R	1N0 J 50V	0402
C606	2320584	Top	L	3	chip cap X7R	1N0 J 50V	0402
C608	2320637	Top	M	5	chip cap NP0	6P0 +/-0.5P 50V	0402
C609	2320805	Top	M	6	chip cap X5R	100N K 10V	0402
C610	2320805	Top	M	6	chip cap X5R	100N K 10V	0402

Item	Code	Side	X	Y	Description	Value	Type
C611	2320584	Top	K	5	chip cap X7R	1N0 J 50V	0402
C612	2320637	Top	M	5	chip cap NP0	6P0 +/-0.5P 50V	0402
C614	2320520	Top	K	5	chip cap NP0	2P2 C 50V	0402
C615	2320544	Top	J	4	chip cap NP0	22P J 50V	0402
C616	2320778	Top	K	3	chip cap X7R	10N K 16V	0402
C619	2320516	Top	K	5	chip cap NP0	1P5 C 50V	0402
C623	2320520	Top	L	5	chip cap NP0	2P2 C 50V	0402
C624	2320550	Top	K	4	chip cap NP0	39P J 50V	0402
C626	2320584	Top	K	4	chip cap X7R	1N0 J 50V	0402
C630	2320544	Top	K	3	chip cap NP0	22P J 50V	0402
C633	2320584	Top	M	4	chip cap X7R	1N0 J 50V	0402
C635	2320584	Top	M	3	chip cap X7R	1N0 J 50V	0402
C636	2320805	Top	K	5	chip cap X5R	100N K 10V	0402
C638	2320584	Top	L	5	chip cap X7R	1N0 J 50V	0402
C639	2312243	Top	L	5	chip cap X5R	4U7 K 6V3	0805
C640	2320544	Top	I	3	chip cap NP0	22P J 50V	0402
C641	2320501	Top	K	3	chip cap NP0	1P2 B 50V	0402
C643	2320584	Top	K	3	chip cap X7R	1N0 J 50V	0402
C644	2320560	Top	M	4	chip cap NP0	100P J 50V	0402
C646	2320592	Top	L	5	chip cap X7R	2N2 J 50V	0402
C647	2320592	Top	L	5	chip cap X7R	2N2 J 50V	0402
C648	2320771	Top	L	5	chip cap X5R	27N K 10V	0402
C650	2320778	Top	M	5	chip cap X7R	10N K 16V	0402
C651	2320805	Top	M	4	chip cap X5R	100N K 10V	0402
C652	2320778	Top	M	4	chip cap X7R	10N K 16V	0402
C653	2320538	Top	M	5	chip cap NP0	12P J 50V	0402
C654	2320805	Top	L	5	chip cap X5R	100N K 10V	0402
C655	2320538	Top	M	5	chip cap NP0	12P J 50V	0402
C656	2320552	Top	K	5	chip cap NP0	47P J 50V	0402
C658	2320584	Top	M	4	chip cap X7R	1N0 J 50V	0402
C659	2320560	Top	L	3	chip cap NP0	100P J 50V	0402
C663	2320481	Top	K	5	chip cap X5R	1U K 6V3	0603

Item	Code	Side	X	Y	Description	Value	Type
C700	2320538	Top	O	8	chip cap NP0	12P J 50V	0402
C702	2320552	Top	J	7	chip cap NP0	47P J 50V	0402
C703	2320778	Top	J	7	chip cap X7R	10N K 16V	0402
C704	2320778	Top	J	9	chip cap X7R	10N K 16V	0402
C706	2320584	Top	I	10	chip cap X7R	1N0 J 50V	0402
C707	2320552	Top	I	7	chip cap NP0	47P J 50V	0402
C710	2320805	Top	K	8	chip cap X5R	100N K 10V	0402
C711	2320538	Top	K	9	chip cap NP0	12P J 50V	0402
C712	2320584	Top	I	8	chip cap X7R	1N0 J 50V	0402
C713	2320620	Top	I	9	chip cap X7R	10N J 16V	0402
C720	2320805	Top	I	9	chip cap X5R	100N K 10V	0402
C725	2320805	Top	J	7	chip cap X5R	100N K 10V	0402
C728	2320760	Top	K	9	chip cap X7R	4N7 K 25V	0402
C730	2320805	Top	J	9	chip cap X5R	100N K 10V	0402
C731	2320805	Top	J	7	chip cap X5R	100N K 10V	0402
C734	2320805	Top	K	9	chip cap X5R	100N K 10V	0402
C735	2320584	Top	K	8	chip cap X7R	1N0 J 50V	0402
C736	2320584	Top	K	8	chip cap X7R	1N0 J 50V	0402
C742	2320805	Top	J	7	chip cap X5R	100N K 10V	0402
C744	2320620	Top	I	8	chip cap X7R	10N J 16V	0402
C754	2320009	Top	J	9	chip cap NP0	10P J 50V	0402
C756	2320787	Top	J	9	chip cap X7R	15N K 16V	0402
C757	2320805	Top	J	9	chip cap X5R	100N K 10V	0402
C800	2320584	Top	H	4	chip cap X7R	1N0 J 50V	0402
C801	2320732	Top	I	4	chip cap X7R	330P K 50V	0402
C802	2320564	Top	H	4	chip cap NP0	150P J 50V	0402
C803	2320805	Top	K	5	chip cap X5R	100N K 10V	0402
C804	2320604	Top	H	6	chip cap NP0	18P J 50V	0402
C805	2310037	Top	I	2	chip cap X5R	10U M 6V3	0805
C806	2312255	Top	H	4	chip cap X5R	10U K 10V	1206
C807	2320783	Top	K	5	chip cap X7R	33N K 10V	0402
C808	2312255	Top	G	2	chip cap X5R	10U K 10V	1206

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Item	Code	Side	X	Y	Description	Value	Type
C809	2320778	Top	I	3	chip cap X7R	10N K 16V	0402
C810	2320778	Top	J	2	chip cap X7R	10N K 16V	0402
C813	2320568	Top	I	4	chip cap X7R	220P J 50V	0402
C814	2320584	Top	I	5	chip cap X7R	1N0 J 50V	0402
C815	2320584	Top	J	3	chip cap X7R	1N0 J 50V	0402
C816	2320778	Top	I	4	chip cap X7R	10N K 16V	0402
C817	2320560	Top	G	3	chip cap NP0	100P J 50V	0402
C818	2310037	Top	I	2	chip cap X5R	10U M 6V3	0805
C901	2320554	Top	G	8	chip cap NP0	56P J 50V	0402
C902	2320508	Top	G	10	chip cap NP0	1P0 C 50V	0402
C903	2320520	Top	G	9	chip cap NP0	2P2 C 50V	0402
C905	2320805	Top	H	10	chip cap X5R	100N K 10V	0402
C906	2320560	Top	H	8	chip cap NP0	100P J 50V	0402
C907	2320524	Top	I	8	chip cap NP0	3P3 C 50V	0402
C908	2320546	Top	G	10	chip cap NP0	27P J 50V	0402
C909	2320560	Top	H	10	chip cap NP0	100P J 50V	0402
C911	2320560	Top	H	10	chip cap NP0	100P J 50V	0402
C912	2320520	Top	I	9	chip cap NP0	2P2 C 50V	0402
C913	2320596	Top	I	9	chip cap X7R	3N3 J 50V	0402
C914	2320805	Top	I	9	chip cap X5R	100N K 10V	0402
C917	2320546	Top	H	10	chip cap NP0	27P J 50V	0402
C918	2320785	Top	H	8	chip cap X7R	47N K 10V	0402
C919	2320584	Top	I	10	chip cap X7R	1N0 J 50V	0402
L001	3646065	Top	C	8	chip coil 12N J	Q31/800MHz	0402
L002	3646053	Top	C	7	chip coil 4N7+/-0N3	Q28/800M	0402
L003	3646091	Top	M	9	chip coil 6N8 J	Q27/800MHz	0402
L004	3646065	Bottom	D	9	chip coil 12N J	Q31/800MHz	0402
L005	3646021	Top	C	8	chip coil 22N J	Q7/100MHz	0402
L100	3203743	Top	T	7	ferrite bead 0R03	42R/100M 3A	0805
L102	3203801	Top	T	5	chip bead array	2X1000R	0405
L103	3203801	Top	T	5	chip bead array	2X1000R	0405
L106	3203725	Top	T	6	ferrite bead	600R/100MHz	0805

Item	Code	Side	X	Y	Description	Value	Type
L501	4550257	Top	L	9	dir coupler 1066+/-	14MHz	3.2x1.6
L600	3645305	Top	L	3	chip coil 12N G	Q35/250MHz	0603
L601	3645305	Top	L	3	chip coil 12N G	Q35/250MHz	0603
L602	3645305	Top	M	3	chip coil 12N G	Q35/250MHz	0603
L603	3645305	Top	M	3	chip coil 12N G	Q35/250MHz	0603
L604	3646009	Top	J	4	chip coil 10N J	Q30/800MHz	0402
L605	3646009	Top	K	3	chip coil 10N J	Q30/800MHz	0402
L606	3646047	Top	K	5	chip coil 3N3+/-0N3	Q28/800M	0402
L607	3646047	Top	K	3	chip coil 3N3+/-0N3	Q28/800M	0402
L608	3646059	Top	K	3	chip coil 5N6+/-0N3	Q28/800M	0402
L609	3646047	Top	K	3	chip coil 3N3+/-0N3	Q28/800M	0402
L610	3645187	Top	M	5	chip coil 6N8 J	Q10/100MHz	0603
L611	3645187	Top	M	4	chip coil 6N8 J	Q10/100MHz	0603
L612	3646099	Top	K	5	chip coil 2N7+/-0N3	Q29/800M	0402
L701	3645243	Top	J	7	chip coil 47N G	Q38/200MHz	0603
L702	3646027	Top	I	8	chip coil 33N J	Q7/100MHz	0402
L708	3645213	Top	J	9	chip coil 22N J	Q38/250MHz	0603
L800	3640133	Top	G	3	chip coil 2U7 K	Q21/1MHz	3.0X3.4
L802	3646081	Top	C	4	chip coil 68N J	Q17/300MHz	0402
L803	3646009	Top	H	6	chip coil 10N J	Q30/800MHz	0402
L809	3646033	Top	S	3	chip coil 1N0+/-0N3	Q8/100M	0402
L810	3203705	Top	I	2	ferrite bead 0.015R	42R/100M	0805
L901	3646065	Top	G	9	chip coil 12N J	Q31/800MHz	0402
L902	3646099	Top	G	10	chip coil 2N7+/-0N3	Q29/800M	0402
L903	3645161	Top	H	8	chip coil 150N J	Q14/100MHz	0603
L904	3646053	Top	I	10	chip coil 4N +/-0N3	Q28/800M	0402
L905	3646405	Top	G	9	chip coil 6N2 J	Q20/250MHz	0402
L906	3646415	Top	G	9	chip coil 19N J	Q24/250MHz	0402
L907	3646061	Top	H	9	chip coil 15N J	Q30/800MHz	0402
L908	3646061	Top	H	10	chip coil 15N J	Q30/800MHz	0402
L909	3645161	Top	I	9	chip coil 150N J	Q14/100MHz	0603
L910	3645011	Top	I	9	chip coil 68NH J	Q12/100MHz	0603

Item	Code	Side	X	Y	Description	Value	Type
L911	3646065	Top	H	10	chip coil 12N J	Q31/800MHz	0402
V001	4210189	Top	C	7	TR BFP620 N2.5V70GHz	F=0.7	SOT343
V153	4120061	Top	F	3	ASIP 2 lines EMI/ESD	filter	BGA6
V300	4860339	Bottom	N	4	LED LWL88S		
V301	4860339	Bottom	N	8	LED LWL88S		
V302	4860339	Bottom	R	9	LED LWL88S		
V303	4860339	Bottom	R	3	LED LWL88S		
V304	4860317	Bottom	L	4	LED LWY87C White 140	MCD@20MA	120'
V305	4860317	Bottom	L	6	LED LWY87C White 140	MCD@20MA	120'
V306	4860317	Bottom	L	8	LED LWY87C White 140	MCD@20MA	120'
V308	4219937	Bottom	R	8	TRX2 UMT1/PUMT1	P40V100MA	SOT363
V309	4219937	Bottom	N	3	TRX2 UMT1/PUMT1	P40V100MA	SOT363
V310	4219937	Bottom	N	10	TRX2 UMT1/PUMT1	P40V100MA	SOT363
V601	4110945	Top	M	5	CAP DIX2 BBY57-05W	4P7/17P	SOT323
V602	4112491	Top	M	5	PIN DI BA892 0A1	0R7@1MA	SCD-80
V701	4110921	Top	J	9	CAP DI BBY57-02W	1/4 16/4P	SOD523
D100	4113721	Top	T	7	TVS DI 1PMT16AT3	16V 175W	PWRMITE
D200	4370825	Bottom	P	5	UEMK W-DOG	ENA TO21	TFBGA168
D300	4341397	Bottom	N	7	White LED driver	(LM2795BLX)	USMD14
D400	4370931	Bottom	P	8	UPP8M V2.6 F751986E	C035	UBGA144
D450	4341471	Bottom	S	6	Flash 4MX16	1V8/1V8	VFBGA44
Z003	4550243	Top	C	8	Cer Filt 1575.42+/-	2MHz	4X4X2
Z004	4510367	Top	N	10	Saw Filt 1575+/-2MHz/	2DB	2.6X2.1X1
Z301	4120031	Bottom	T	8	EMI/ESD filt EMIF10-	1K010F1	BGA24
Z601	4511365	Top	J	4	Saw Filt 836.5+/-	12.5MHz/3DB	2.5X2
Z602	4511389	Top	J	3	Saw Filt 1850-1910M		2.5X2.0mm
Z701	4511387	Top	H	7	Saw Filt 183.6+/-	0.63MHz	7X5X1.3
Z800	4550117	Top	D	3	Dipl 824-894/1850-	1990MHz	3.2X1.6
Z801	4510395	Top	G	6	Isolator PCS 1.85-1.91G	13DB	4X4
Z802	4510329	Top	I	5	Isolator 824-849MHz	.65DB	5X5X2
Z803	4512179	Top	G	7	Dupl 824-849/869-	894MHz	5X5X1.8
Z804	4512159	Top	E	7	Dupl 1850-1910/1930-	1990MHz	24X7

Item	Code	Side	X	Y	Description	Value	Type
Z901	4511379	Top	G	9	Saw Filt 881.5+/-	12.5MHz/2.5	2X2.5
Z902	4511399	Top	G	10	Saw Filt 1960+/-	30MHz/3.5DB	2X2.5
N050	4370947	Top	N	7	TWL5001 GPS BB ASIC	V1.2	
N051	4341269	Top	M	8	Vreg 2.8V/150MA	(LP3985)	USMD5
N054	4370953	Top	N	9	GPS RX TRF5101	PG2.1	PBGA-49
N100	4341269	Bottom	S	4	Vreg 2.8V/150MA	(LP3985)	USMD5
N601	4370941	Top	L	4	Jedi TX RFIC		
N602	4341149	Top	J	3	Switch SPDT GAAS	(UPG168TB)	SC70-6
N700	4370937	Top	J	8	Yoda DIG-V1 Metal Mod	1.F IC	5X5
N800	4341487	Top	H	3	Vreg Elec-ADJ	(CX20504)	MLF16
N801	4219935	Top	J	3	TRX2+4X10K PUMD3	N&P 50V	SOT363
N802	4350393	Top	I	3	PW amp	CX77110	CDMA1900
N803	4350405	Top	I	4	PW amp	CX77145 CDMA 800	ORCA
N804	4219935	Top	J	5	TRX2+4X10K PUMD3	N&P 50V	SOT363
N805	4120091	Top	H	5	ASIP STPAC01-F1	CDMA PWR DET	BGA8
N901	4370863	Top	H	9	Alfred	LNA/MIXER	VQFN-24
G500	4510383	Top	L	10	VCTCXO 19.2MHz+/-	2.0PPM 2.78V	2MA
G501	4350397	Top	L	8	VCO, 1051-1082, 2108-	2183 MHz	15MA
B001	4510415	Top	O	9	VCO 16.368MHz	2.8V 1.6MA	
B200	4510303	Bottom	Q	3	Crystal 32.768KHz+/-	20PPM	12.5PF
B302	5140159	Top	Q	9	Buzzer 95DB 2670Hz	4.0V	10X12X2
F100	5119019	Top	U	8	Sm Fuse F	1.5A 32V	0603
S300	5209001	Top	B	9	Sm SW Tact SPST	12V 50MA	Side Key
X050	5429021	Bottom	C	8	Sm Conn RF+SW	100V 1W 50R	2.2GHz
X101	5409255	Top	F	5	Sm Lynx batt conn	3POL 12V 2A	H7
X104	5460061	Top	U	5	Sm system connector	14POL	
X302	5469081	Bottom	S	9	Sm conn 2X7M P0.5	SPR.50V	PCB/PCB
X386	5400313	Top	Q	5	Sm SIM Connector	6POL	P2.54
X801	5429021	Bottom	B	3	Sm Conn RF+SW	100V 1W 50R	2.2GHz
X812	5409293	Top	S	3	Antenna Ground Clip	SMD	DMD10149
* A001	9517233	Top	C	7	Can Assy LNA	DMC05581	HDCA2

Item	Code	Side	X	Y	Description	Value	Type
* A002	9517231	Top	N	8	Can Assy GPS	DMC05582	HDCA2
* A700	9517234	Top	J	8	Can Assy RX	DMC05580	HDCA2
** A800	9511077	Top	E	7	Can PCS Duplex	DMD09965	HDCA2
* A801	9517232	Top	J	4	Can Assy TX	DMC05579	HDCA2
** A802	9511076	Top	G	7	Can Cell Duplex	DMD09889	HDCA2

** A001, A002, A700, and A801 shield cans are NOT repairable (only the lids can be serviced). Once removed, they need to be replaced by new ones.*

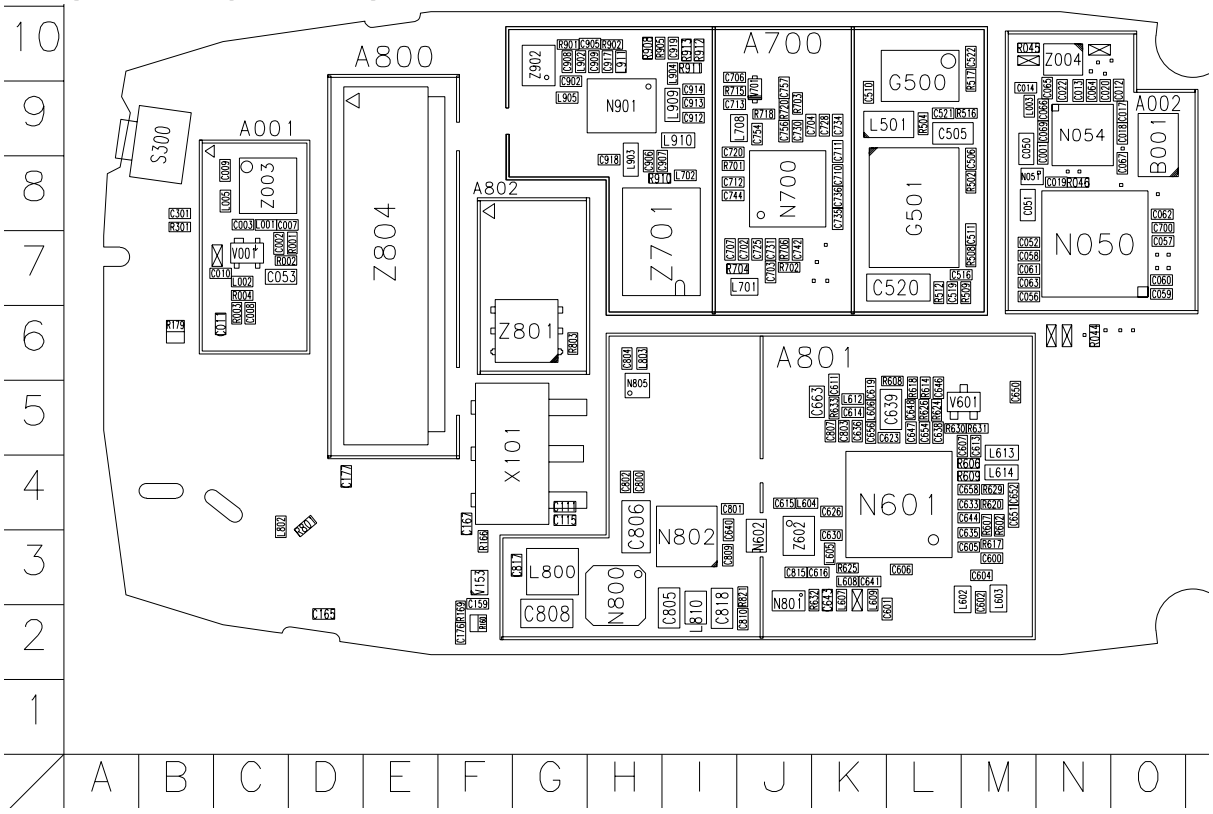
*** A800 and A802 are complete enclosure cans and do not have a lid. These cannot be replaced. Phone may have to be scrapped.*

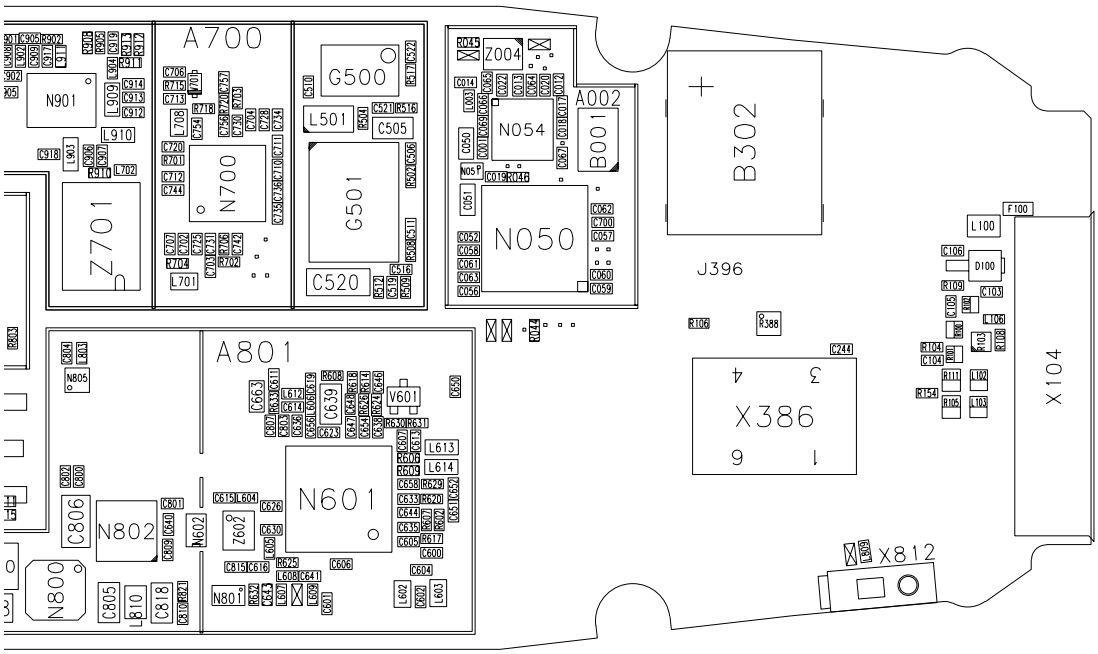
Shield Can Lid Part Codes

Item	Code	Side	X	Y	Description
A001	9511093	Top	C	7	Can Lid LNA
A002	9511094	Top	N	8	Can Lid GPS
A700	9511092	Top	J	8	Can Lid RX
A801	9511091	Top	J	4	Can Lid TX

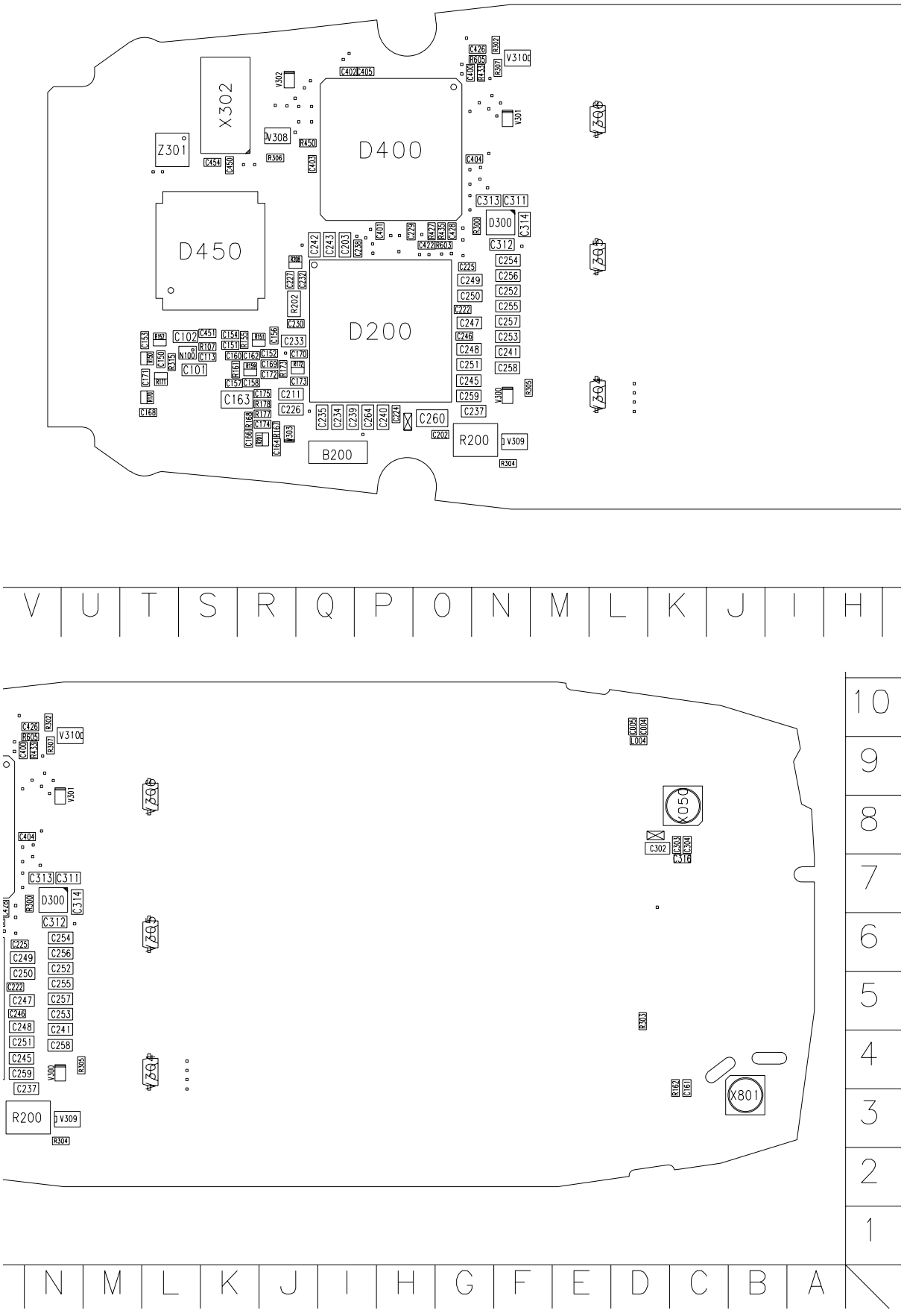
Model 2270

Component Layout - Top





Component Layout - Bottom



RH-3P (2270) – EDMS Issue 3.49 Code: 0202081

Item	Code	Side	X	Y	Description	Value	Type
R001	1430788	Top	D	7	chip res 0W06	22K J	0402
R002	1430728	Top	C	7	chip res 0W06	120R J	0402
R003	1430700	Top	C	6	chip res 0W06	10R J	0402
R004	1430732	Top	C	7	chip res 0W06	180R J	0402
R044	1430804	Top	N	6	chip res 0W06	100K J	0402
R045	1430690	Top	M	10	chip res jumper	0R0	0402
R046	1430804	Top	N	8	chip res 0W06	100K J	0402
R100	1620027	Top	T	6	res network 0W06	2X47R J	0404
R101	1620027	Top	T	6	res network 0W06	2X47R J	0404
R102	1620027	Top	T	6	res network 0W06	2X47R J	0404
R103	4120011	Top	T	6	ZDIX4 IP4043CX5 CA	14V2 10W	CSP5
R104	1430812	Top	T	6	chip res 0W06	220K J	0402
R105	1825031	Top	T	5	varistor array 2XVWM	16V VC50	0405
R106	1820039	Top	P	6	NTC res 0W1 47K J	B=4050+/-3%	0402
R107	1430804	Bottom	S	5	chip res 0W06	100K J	0402
R108	1430690	Top	U	6	chip res jumper	0R0	0402
R109	1430804	Top	T	7	chip res 0W06	100K J	0402
R111	1825031	Top	T	5	varistor array 2XVWM	16V VC50	0405
R150	1620031	Bottom	T	4	res network 0W06	2X1K0 J	0404
R151	1620031	Bottom	R	5	res network 0W06	2X1K0 J	0404
R152	1620031	Bottom	T	5	res network 0W06	2X1K0 J	0404
R154	1430726	Top	T	5	chip res 0W06	100R J	0402
R155	1430796	Bottom	R	5	chip res 0W06	47K J	0402
R159	1620031	Bottom	R	4	res network 0W06	2X1K0 J	0404
R160	1620031	Top	F	2	res network 0W06	2X1K0 J	0404
R161	1430796	Bottom	S	4	chip res 0W06	47K J	0402
R162	1430754	Bottom	C	4	chip res 0W06	1K0 J	0402
R166	1430700	Top	F	3	chip res 0W06	10R J	0402
R167	1430693	Bottom	R	3	chip res 0W06	5R6 J	0402
R168	1430693	Bottom	R	3	chip res 0W06	5R6 J	0402
R169	1430758	Top	F	2	chip res 0W06	1K5 J	0402

Item	Code	Side	X	Y	Description	Value	Type
R170	1620031	Bottom	T	4	res network 0W06	2X1K0 J	0404
R171	1620031	Bottom	T	4	res network 0W06	2X1K0 J	0404
R172	1620031	Bottom	Q	4	res network 0W06	2X1K0 J	0404
R173	1430796	Bottom	R	4	chip res 0W06	47K J	0402
R177	1430693	Bottom	R	3	chip res 0W06	5R6 J	0402
R178	1430693	Bottom	R	4	chip res 0W06	5R6 J	0402
R179	1825031	Top	B	6	varistor array 2XVWM	16V VC50	0405
R200	1419003	Bottom	N	3	chip res 0W5 0R22 J	200ppm	1210
R201	1620035	Bottom	R	3	res network 0W06	2X10R J	0404
R202	1620067	Bottom	R	5	res network 0W06	4X100K J	0804
R208	1620029	Bottom	R	6	res network 0W06	2X4K7 J	0404
R300	1430728	Bottom	N	7	chip res 0W06	120R J	0402
R301	1430770	Top	B	8	chip res 0W06	4K7 J	0402
R302	1430754	Bottom	N	10	chip res 0W06	1K0 J	0402
R303	1430778	Bottom	D	5	chip res 0W06	10K J	0402
R304	1430728	Bottom	N	3	chip res 0W06	120R J	0402
R305	1430728	Bottom	N	4	chip res 0W06	120R J	0402
R306	1430728	Bottom	R	8	chip res 0W06	120R J	0402
R307	1430728	Bottom	N	9	chip res 0W06	120R J	0402
R315	1430804	Bottom	T	4	chip res 0W06	100K J	0402
R388	4120071	Top	Q	6	ASIP EMIF03-SIM01	SIM filter	BGA8
R427	1430764	Bottom	O	7	chip res 0W06	3K3 J	0402
R433	1430764	Bottom	N	9	chip res 0W06	3K3 J	0402
R435	1430764	Bottom	O	7	chip res 0W06	3K3 J	0402
R450	1430770	Bottom	Q	8	chip res 0W06	4K7 J	0402
R502	1430681	Top	M	8	chip res 0W06	4R3 J	0402
R504	1430718	Top	L	9	chip res 0W06	47R J	0402
R508	1430770	Top	M	7	chip res 0W06	4K7 J	0402
R509	1430770	Top	M	7	chip res 0W06	4K7 J	0402
R512	1430772	Top	L	7	chip res 0W06	5K6 J	0402
R516	1430700	Top	M	9	chip res 0W06	10R J	0402
R517	1430778	Top	M	10	chip res 0W06	10K J	0402

Item	Code	Side	X	Y	Description	Value	Type
R602	1430726	Top	M	4	chip res 0W06	100R J	0402
R603	1430726	Bottom	O	6	chip res 0W06	100R J	0402
R605	1430726	Bottom	N	9	chip res 0W06	100R J	0402
R606	1430693	Top	M	4	chip res 0W06	5R6 J	0402
R607	1430681	Top	M	4	chip res 0W06	4R3 J	0402
R608	1430681	Top	L	5	chip res 0W06	4R3 J	0402
R609	1430693	Top	M	4	chip res 0W06	5R6 J	0402
R614	1430700	Top	L	5	chip res 0W06	10R J	0402
R617	1430681	Top	M	3	chip res 0W06	4R3 J	0402
R618	1430700	Top	L	5	chip res 0W06	10R J	0402
R620	1430700	Top	M	4	chip res 0W06	10R J	0402
R624	1430762	Top	L	5	chip res 0W06	2K2 J	0402
R625	1430756	Top	K	3	chip res 0W06	1K2 J	0402
R626	1430772	Top	L	5	chip res 0W06	5K6 J	0402
R629	1430693	Top	M	4	chip res 0W06	5R6 J	0402
R630	1430772	Top	L	5	chip res 0W06	5K6 J	0402
R631	1430772	Top	M	5	chip res 0W06	5K6 J	0402
R632	1430691	Top	K	3	chip res 0W06	2R2 J	0402
R633	1430681	Top	K	5	chip res 0W06	4R3 J	0402
R701	1430700	Top	I	8	chip res 0W06	10R J	0402
R702	1430754	Top	J	7	chip res 0W06	1K0 J	0402
R703	1430700	Top	J	9	chip res 0W06	10R J	0402
R704	1430746	Top	J	7	chip res 0W06	560R J	0402
R706	1430806	Top	J	7	chip res 0W06	120K J	0402
R715	1430700	Top	I	9	chip res 0W06	10R J	0402
R718	1430772	Top	J	9	chip res 0W06	5K6 J	0402
R720	1430764	Top	J	9	chip res 0W06	3K3 J	0402
R803	1430754	Top	G	6	chip res 0W06	1K0 J	0402
R821	1820039	Top	J	3	NTC res 0W1 47K J	B=4050+/-3%	0402
R901	1430681	Top	G	10	chip res 0W06	4R3 J	0402
R902	1430796	Top	H	10	chip res 0W06	47K J	0402
R905	1430724	Top	H	10	chip res 0W06	82R J	0402

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Item	Code	Side	X	Y	Description	Value	Type
R908	1430788	Top	H	10	chip res 0W06	22K J	0402
R910	1430693	Top	H	8	chip res 0W06	5R6 J	0402
R911	1430708	Top	I	10	chip res 0W06	18R J	0402
R912	1430738	Top	I	10	chip res 0W06	270R J	0402
R913	1430738	Top	I	10	chip res 0W06	270R J	0402
C001	2320544	Top	N	9	chip cap NP0	22P J 50V	0402
C002	2320805	Top	C	7	chip cap X5R	100N K 10V	0402
C003	2320544	Top	C	8	chip cap NP0	22P J 50V	0402
C004	2320540	Bottom	D	10	chip cap NP0	15P J 50V	0402
C005	2320903	Bottom	D	10	chip cap NP0	HQ 2P7 J 16V	0402
C007	2320544	Top	C	8	chip cap NP0	22P J 50V	0402
C008	2320544	Top	C	6	chip cap NP0	22P J 50V	0402
C009	2320544	Top	C	8	chip cap NP0	22P J 50V	0402
C010	2320903	Top	C	7	chip cap NP0	HQ 2P7 J 16V	0402
C011	2320544	Top	C	6	chip cap NP0	22P J 50V	0402
C012	2320778	Top	O	9	chip cap X7R	10N K 16V	0402
C013	2320778	Top	N	9	chip cap X7R	10N K 16V	0402
C014	2320524	Top	M	9	chip cap NP0	3P3 C 50V	0402
C017	2320805	Top	O	9	chip cap X5R	100N K 10V	0402
C018	2320903	Top	O	9	chip cap NP0	HQ 2P7 J 16V	0402
C019	2320805	Top	N	8	chip cap X5R	100N K 10V	0402
C020	2320805	Top	N	9	chip cap X5R	100N K 10V	0402
C022	2320544	Top	N	9	chip cap NP0	22P J 50V	0402
C050	2320481	Top	M	9	chip cap X5R	1U K 6V3	0603
C051	2320481	Top	M	8	chip cap X5R	1U K 6V3	0603
C052	2320778	Top	M	7	chip cap X7R	10N K 16V	0402
C053	2320481	Top	C	7	chip cap X5R	1U K 6V3	0603
C056	2320805	Top	M	7	chip cap X5R	100N K 10V	0402
C057	2320805	Top	O	7	chip cap X5R	100N K 10V	0402
C058	2320805	Top	M	7	chip cap X5R	100N K 10V	0402
C059	2320805	Top	O	7	chip cap X5R	100N K 10V	0402
C060	2320805	Top	O	7	chip cap X5R	100N K 10V	0402

Item	Code	Side	X	Y	Description	Value	Type
C061	2320805	Top	M	7	chip cap X5R	100N K 10V	0402
C062	2320805	Top	O	8	chip cap X5R	100N K 10V	0402
C063	2320805	Top	M	7	chip cap X5R	100N K 10V	0402
C064	2320544	Top	N	9	chip cap NP0	22P J 50V	0402
C065	2320544	Top	N	9	chip cap NP0	22P J 50V	0402
C066	2320544	Top	N	9	chip cap NP0	22P J 50V	0402
C067	2320544	Top	O	8	chip cap NP0	22P J 50V	0402
C069	2320544	Top	N	9	chip cap NP0	22P J 50V	0402
C101	2320481	Bottom	S	4	chip cap X5R	1U K 6V3	0603
C102	2320481	Bottom	S	5	chip cap X5R	1U K 6V3	0603
C103	2320544	Top	T	7	chip cap NP0	22P J 50V	0402
C104	2320544	Top	T	6	chip cap NP0	22P J 50V	0402
C105	2320544	Top	T	6	chip cap NP0	22P J 50V	0402
C106	2320584	Top	T	7	chip cap X7R	1N0 J 50V	0402
C111	2320560	Top	G	4	chip cap NP0	100P J 50V	0402
C113	2320778	Bottom	S	4	chip cap X7R	10N K 16V	0402
C115	2320785	Top	G	4	chip cap X7R	47N K 10V	0402
C150	2320805	Bottom	T	4	chip cap X5R	100N K 10V	0402
C151	2320805	Bottom	S	5	chip cap X5R	100N K 10V	0402
C152	2320552	Bottom	R	4	chip cap NP0	47P J 50V	0402
C153	2320552	Bottom	T	5	chip cap NP0	47P J 50V	0402
C154	2320805	Bottom	S	5	chip cap X5R	100N K 10V	0402
C156	2320552	Bottom	R	5	chip cap NP0	47P J 50V	0402
C157	2320805	Bottom	S	4	chip cap X5R	100N K 10V	0402
C158	2320552	Bottom	R	4	chip cap NP0	47P J 50V	0402
C159	2320552	Top	F	3	chip cap NP0	47P J 50V	0402
C160	2320805	Bottom	S	4	chip cap X5R	100N K 10V	0402
C161	2320805	Bottom	C	4	chip cap X5R	100N K 10V	0402
C162	2320552	Bottom	R	4	chip cap NP0	47P J 50V	0402
C163	2310037	Bottom	S	4	chip cap X5R	10U M 6V3	0805
C164	2320552	Bottom	R	3	chip cap NP0	47P J 50V	0402
C165	2320552	Top	D	2	chip cap NP0	47P J 50V	0402

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Item	Code	Side	X	Y	Description	Value	Type
C166	2320552	Bottom	R	3	chip cap NP0	47P J 50V	0402
C167	2320552	Top	F	4	chip cap NP0	47P J 50V	0402
C168	2320805	Bottom	T	3	chip cap X5R	100N K 10V	0402
C169	2320805	Bottom	R	4	chip cap X5R	100N K 10V	0402
C170	2320552	Bottom	Q	4	chip cap NP0	47P J 50V	0402
C171	2320552	Bottom	T	4	chip cap NP0	47P J 50V	0402
C172	2320805	Bottom	R	4	chip cap X5R	100N K 10V	0402
C173	2320552	Bottom	Q	4	chip cap NP0	47P J 50V	0402
C174	2320552	Bottom	R	3	chip cap NP0	47P J 50V	0402
C175	2320552	Bottom	R	4	chip cap NP0	47P J 50V	0402
C176	2320805	Top	F	2	chip cap X5R	100N K 10V	0402
C177	2320552	Top	D	4	chip cap NP0	47P J 50V	0402
C202	2320778	Bottom	O	3	chip cap X7R	10N K 16V	0402
C203	2320481	Bottom	Q	6	chip cap X5R	1U K 6V3	0603
C211	2320481	Bottom	R	4	chip cap X5R	1U K 6V3	0603
C222	2320805	Bottom	O	5	chip cap X5R	100N K 10V	0402
C224	2320143	Bottom	P	3	chip cap X5R	220N K 6.3V	0402
C225	2320805	Bottom	O	6	chip cap X5R	100N K 10V	0402
C226	2320481	Bottom	R	4	chip cap X5R	1U K 6V3	0603
C227	2320778	Bottom	R	6	chip cap X7R	10N K 16V	0402
C229	2320805	Bottom	P	7	chip cap X5R	100N K 10V	0402
C230	2320778	Bottom	R	5	chip cap X7R	10N K 16V	0402
C232	2320778	Bottom	Q	6	chip cap X7R	10N K 16V	0402
C233	2320481	Bottom	R	5	chip cap X5R	1U K 6V3	0603
C234	2320481	Bottom	Q	3	chip cap X5R	1U K 6V3	0603
C235	2320481	Bottom	Q	3	chip cap X5R	1U K 6V3	0603
C237	2320481	Bottom	N	3	chip cap X5R	1U K 6V3	0603
C238	2320805	Bottom	P	6	chip cap X5R	100N K 10V	0402
C239	2320481	Bottom	Q	3	chip cap X5R	1U K 6V3	0603
C240	2320481	Bottom	P	3	chip cap X5R	1U K 6V3	0603
C241	2320481	Bottom	N	5	chip cap X5R	1U K 6V3	0603
C242	2320481	Bottom	Q	6	chip cap X5R	1U K 6V3	0603

Item	Code	Side	X	Y	Description	Value	Type
C243	2320481	Bottom	Q	6	chip cap X5R	1U K 6V3	0603
C244	2320805	Top	R	6	chip cap X5R	100N K 10V	0402
C245	2320481	Bottom	O	4	chip cap X5R	1U K 6V3	0603
C246	2320805	Bottom	O	5	chip cap X5R	100N K 10V	0402
C247	2320481	Bottom	O	5	chip cap X5R	1U K 6V3	0603
C248	2320481	Bottom	O	5	chip cap X5R	1U K 6V3	0603
C249	2320481	Bottom	O	6	chip cap X5R	1U K 6V3	0603
C250	2320481	Bottom	O	5	chip cap X5R	1U K 6V3	0603
C251	2320481	Bottom	O	4	chip cap X5R	1U K 6V3	0603
C252	2320481	Bottom	N	6	chip cap X5R	1U K 6V3	0603
C253	2320481	Bottom	N	5	chip cap X5R	1U K 6V3	0603
C254	2320481	Bottom	N	6	chip cap X5R	1U K 6V3	0603
C255	2320481	Bottom	N	5	chip cap X5R	1U K 6V3	0603
C256	2320481	Bottom	N	6	chip cap X5R	1U K 6V3	0603
C257	2320481	Bottom	N	5	chip cap X5R	1U K 6V3	0603
C258	2320481	Bottom	N	4	chip cap X5R	1U K 6V3	0603
C259	2320481	Bottom	O	4	chip cap X5R	1U K 6V3	0603
C260	2310037	Bottom	O	3	chip cap X5R	10U M 6V3	0805
C264	2320481	Bottom	P	4	chip cap X5R	1U K 6V3	0603
C301	2320778	Top	B	8	chip cap X7R	10N K 16V	0402
C302	2320125	Bottom	D	8	chip cap X5R	1U K16V	0603
C303	2320805	Bottom	C	8	chip cap X5R	100N K 10V	0402
C304	2320805	Bottom	C	8	chip cap X5R	100N K 10V	0402
C311	2320125	Bottom	N	7	chip cap X5R	1U K16V	0603
C312	2320125	Bottom	N	6	chip cap X5R	1U K16V	0603
C313	2320125	Bottom	N	7	chip cap X5R	1U K16V	0603
C314	2320125	Bottom	N	7	chip cap X5R	1U K16V	0603
C316	2320805	Bottom	C	7	chip cap X5R	100N K 10V	0402
C400	2320805	Bottom	O	9	chip cap X5R	100N K 10V	0402
C401	2320805	Bottom	P	7	chip cap X5R	100N K 10V	0402
C402	2320805	Bottom	Q	9	chip cap X5R	100N K 10V	0402
C403	2320805	Bottom	Q	8	chip cap X5R	100N K 10V	0402

Item	Code	Side	X	Y	Description	Value	Type
C404	2320805	Bottom	N	8	chip cap X5R	100N K 10V	0402
C405	2320805	Bottom	P	9	chip cap X5R	100N K 10V	0402
C422	2320778	Bottom	O	6	chip cap X7R	10N K 16V	0402
C426	2320778	Bottom	N	10	chip cap X7R	10N K 16V	0402
C428	2320778	Bottom	O	7	chip cap X7R	10N K 16V	0402
C450	2320778	Bottom	S	8	chip cap X7R	10N K 16V	0402
C451	2320805	Bottom	S	5	chip cap X5R	100N K 10V	0402
C454	2320778	Bottom	S	8	chip cap X7R	10N K 16V	0402
C505	2312243	Top	L	9	chip cap X5R	4U7 K 6V3	0805
C506	2320548	Top	M	8	chip cap NP0	33P J 50V	0402
C510	2320584	Top	K	9	chip cap X7R	1N0 J 50V	0402
C511	2320584	Top	M	7	chip cap X7R	1N0 J 50V	0402
C516	2320588	Top	M	7	chip cap X7R	1N5 J 50V	0402
C519	2320618	Top	L	7	chip cap X7R	4N7 J 25V	0402
C520	2420029	Top	L	7	chip cap PPS	39N G 16V	1206
C521	2320805	Top	L	9	chip cap X5R	100N K 10V	0402
C522	2320584	Top	M	10	chip cap X7R	1N0 J 50V	0402
C600	2320584	Top	M	3	chip cap X7R	1N0 J 50V	0402
C601	2320596	Top	L	2	chip cap X7R	3N3 J 50V	0402
C602	2320548	Top	M	3	chip cap NP0	33P J 50V	0402
C604	2320009	Top	M	3	chip cap NP0	10P J 50V	0402
C605	2320584	Top	M	3	chip cap X7R	1N0 J 50V	0402
C606	2320584	Top	L	3	chip cap X7R	1N0 J 50V	0402
C607	2320534	Top	M	5	chip cap NP0	8P2 C 50V	0402
C611	2320584	Top	K	5	chip cap X7R	1N0 J 50V	0402
C613	2320534	Top	M	5	chip cap NP0	8P2 C 50V	0402
C614	2320520	Top	K	5	chip cap NP0	2P2 C 50V	0402
C615	2320544	Top	J	4	chip cap NP0	22P J 50V	0402
C616	2320778	Top	K	3	chip cap X7R	10N K 16V	0402
C619	2320516	Top	K	5	chip cap NP0	1P5 C 50V	0402
C623	2320520	Top	L	5	chip cap NP0	2P2 C 50V	0402
C626	2320584	Top	K	4	chip cap X7R	1N0 J 50V	0402

Item	Code	Side	X	Y	Description	Value	Type
C630	2320544	Top	K	3	chip cap NP0	22P J 50V	0402
C633	2320584	Top	M	4	chip cap X7R	1N0 J 50V	0402
C635	2320584	Top	M	3	chip cap X7R	1N0 J 50V	0402
C636	2320805	Top	K	5	chip cap X5R	100N K 10V	0402
C638	2320584	Top	L	5	chip cap X7R	1N0 J 50V	0402
C639	2312243	Top	L	5	chip cap X5R	4U7 K 6V3	0805
C640	2320544	Top	I	3	chip cap NP0	22P J 50V	0402
C641	2320501	Top	K	3	chip cap NP0	1P2 B 50V	0402
C643	2320584	Top	K	3	chip cap X7R	1N0 J 50V	0402
C644	2320560	Top	M	4	chip cap NP0	100P J 50V	0402
C646	2320592	Top	L	5	chip cap X7R	2N2 J 50V	0402
C647	2320592	Top	L	5	chip cap X7R	2N2 J 50V	0402
C648	2320771	Top	L	5	chip cap X5R	27N K 10V	0402
C650	2320778	Top	M	5	chip cap X7R	10N K 16V	0402
C651	2320805	Top	M	4	chip cap X5R	100N K 10V	0402
C652	2320778	Top	M	4	chip cap X7R	10N K 16V	0402
C654	2320805	Top	L	5	chip cap X5R	100N K 10V	0402
C656	2320552	Top	K	5	chip cap NP0	47P J 50V	0402
C658	2320584	Top	M	4	chip cap X7R	1N0 J 50V	0402
C663	2320481	Top	K	5	chip cap X5R	1U K 6V3	0603
C700	2320538	Top	O	8	chip cap NP0	12P J 50V	0402
C702	2320552	Top	J	7	chip cap NP0	47P J 50V	0402
C703	2320778	Top	J	7	chip cap X7R	10N K 16V	0402
C704	2320778	Top	J	9	chip cap X7R	10N K 16V	0402
C706	2320584	Top	I	10	chip cap X7R	1N0 J 50V	0402
C707	2320552	Top	I	7	chip cap NP0	47P J 50V	0402
C710	2320805	Top	K	8	chip cap X5R	100N K 10V	0402
C711	2320538	Top	K	9	chip cap NP0	12P J 50V	0402
C712	2320584	Top	I	8	chip cap X7R	1N0 J 50V	0402
C713	2320620	Top	I	9	chip cap X7R	10N J 16V	0402
C720	2320805	Top	I	9	chip cap X5R	100N K 10V	0402
C725	2320805	Top	J	7	chip cap X5R	100N K 10V	0402

Item	Code	Side	X	Y	Description	Value	Type
C728	2320760	Top	K	9	chip cap X7R	4N7 K 25V	0402
C730	2320805	Top	J	9	chip cap X5R	100N K 10V	0402
C731	2320805	Top	J	7	chip cap X5R	100N K 10V	0402
C734	2320805	Top	K	9	chip cap X5R	100N K 10V	0402
C735	2320584	Top	K	8	chip cap X7R	1N0 J 50V	0402
C736	2320584	Top	K	9	chip cap X7R	1N0 J 50V	0402
C742	2320805	Top	J	7	chip cap X5R	100N K 10V	0402
C744	2320620	Top	I	8	chip cap X7R	10N J 16V	0402
C754	2320009	Top	J	9	chip cap NP0	10P J 50V	0402
C756	2320787	Top	J	9	chip cap X7R	15N K 16V	0402
C757	2320805	Top	J	9	chip cap X5R	100N K 10V	0402
C800	2320584	Top	H	4	chip cap X7R	1N0 J 50V	0402
C801	2320732	Top	I	4	chip cap X7R	330P K 50V	0402
C802	2320564	Top	H	4	chip cap NP0	150P J 50V	0402
C803	2320805	Top	K	5	chip cap X5R	100N K 10V	0402
C804	2320604	Top	H	6	chip cap NP0	18P J 50V	0402
C805	2310037	Top	I	2	chip cap X5R	10U M 6V3	0805
C806	2312255	Top	H	4	chip cap X5R	10U K 10V	1206
C807	2320783	Top	K	5	chip cap X7R	33N K 10V	0402
C808	2312255	Top	G	2	chip cap X5R	10U K 10V	1206
C809	2320778	Top	I	3	chip cap X7R	10N K 16V	0402
C810	2320778	Top	J	2	chip cap X7R	10N K 16V	0402
C815	2320584	Top	J	3	chip cap X7R	1N0 J 50V	0402
C817	2320560	Top	G	3	chip cap NP0	100P J 50V	0402
C818	2310037	Top	I	2	chip cap X5R	10U M 6V3	0805
C902	2320508	Top	G	10	chip cap NP0	1P0 C 50V	0402
C905	2320805	Top	H	10	chip cap X5R	100N K 10V	0402
C906	2320560	Top	H	8	chip cap NP0	100P J 50V	0402
C907	2320524	Top	I	8	chip cap NP0	3P3 C 50V	0402
C908	2320546	Top	G	10	chip cap NP0	27P J 50V	0402
C909	2320560	Top	H	10	chip cap NP0	100P J 50V	0402
C912	2320520	Top	I	9	chip cap NP0	2P2 C 50V	0402

Item	Code	Side	X	Y	Description	Value	Type
C913	2320596	Top	I	9	chip cap X7R	3N3 J 50V	0402
C914	2320805	Top	I	9	chip cap X5R	100N K 10V	0402
C917	2320546	Top	H	10	chip cap NP0	27P J 50V	0402
C918	2320785	Top	H	8	chip cap X7R	47N K 10V	0402
C919	2320584	Top	I	10	chip cap X7R	1N0 J 50V	0402
L001	3646065	Top	C	8	chip coil 12N J	Q31/800MHz	0402
L002	3646053	Top	C	7	chip coil 4N7+/-0N3	Q28/800M	0402
L003	3646091	Top	M	9	chip coil 6N8 J	Q27/800MHz	0402
L004	3646065	Bottom	D	9	chip coil 12N J	Q31/800MHz	0402
L005	3646021	Top	C	8	chip coil 22N J	Q7/100MHz	0402
L100	3203743	Top	T	7	ferrite bead 0R03	42R/100M 3A	0805
L102	3203801	Top	T	5	chip bead array	2X1000R	0405
L103	3203801	Top	T	5	chip bead array	2X1000R	0405
L106	3203725	Top	T	6	ferrite bead	600R/100MHz	0805
L501	4550257	Top	L	9	dir coupler 1066+/-	14MHz	3.2x1.6
L602	3645305	Top	M	3	chip coil 12N G	Q35/250MHz	0603
L603	3645305	Top	M	3	chip coil 12N G	Q35/250MHz	0603
L604	3646009	Top	J	4	chip coil 10N J	Q30/800MHz	0402
L605	3646009	Top	K	3	chip coil 10N J	Q30/800MHz	0402
L606	3646047	Top	K	5	chip coil 3N3+/-0N3	Q28/800M	0402
L607	3646047	Top	K	3	chip coil 3N3+/-0N3	Q28/800M	0402
L608	3646059	Top	K	3	chip coil 5N6+/-0N3	Q28/800M	0402
L609	3646047	Top	K	3	chip coil 3N3+/-0N3	Q28/800M	0402
L612	3646099	Top	K	5	chip coil 2N7+/-0N3	Q29/800M	0402
L613	3645185	Top	M	5	chip coil 10N J	Q12/100MHz	0603
L614	3645185	Top	M	4	chip coil 10N J	Q12/100MHz	0603
L701	3645243	Top	J	7	chip coil 47N G	Q38/200MHz	0603
L702	3646027	Top	I	8	chip coil 33N J	Q7/100MHz	0402
L708	3645213	Top	J	9	chip coil 22N J	Q38/250MHz	0603
L800	3640133	Top	G	3	chip coil 2U7 K	Q21/1MHz	3.0X3.4
L802	3646081	Top	C	4	chip coil 68N J	Q17/300MHz	0402
L803	3646009	Top	H	6	chip coil 10N J	Q30/800MHz	0402

Item	Code	Side	X	Y	Description	Value	Type
L809	3646033	Top	S	3	chip coil 1N0+/-0N3	Q8/100M	0402
L810	3203705	Top	I	2	ferrite bead 0.015R	42R/100M	0805
L902	3646099	Top	G	10	chip coil 2N7+/-0N3	Q29/800M	0402
L903	3645161	Top	H	8	chip coil 150N J	Q14/100MHz	0603
L904	3646053	Top	I	10	chip coil 4N +/-0N3	Q28/800M	0402
L905	3646405	Top	G	9	chip coil 6N2 J	Q20/250MHz	0402
L909	3645161	Top	I	9	chip coil 150N J	Q14/100MHz	0603
L910	3645011	Top	I	9	chip coil 68NH J	Q12/100MHz	0603
L911	3646065	Top	H	10	chip coil 12N J	Q31/800MHz	0402
V001	4210189	Top	C	7	TR BFP620 N2.5V70GHz	F=0.7	SOT343
V153	4120061	Top	F	3	ASIP 2 lines EMI/ESD	filter	BGA6
V300	4860339	Bottom	N	4	LED LWL88S		
V301	4860339	Bottom	N	8	LED LWL88S		
V302	4860339	Bottom	R	9	LED LWL88S		
V303	4860339	Bottom	R	3	LED LWL88S		
V304	4860317	Bottom	L	4	LED LWY87C White 140	MCD@20MA	120'
V305	4860317	Bottom	L	6	LED LWY87C White 140	MCD@20MA	120'
V306	4860317	Bottom	L	8	LED LWY87C White 140	MCD@20MA	120'
V308	4219937	Bottom	R	8	TRX2 UMT1/PUMT1	P40V100MA	SOT363
V309	4219937	Bottom	N	3	TRX2 UMT1/PUMT1	P40V100MA	SOT363
V310	4219937	Bottom	N	10	TRX2 UMT1/PUMT1	P40V100MA	SOT363
V601	4110945	Top	M	5	CAP DIX2 BBY57-05W	4P7/17P	SOT323
V701	4110921	Top	J	9	CAP DI BBY57-02W	1/4 16/4P	SOD523
D100	4113721	Top	T	7	TVS DI 1PMT16AT3	16V 175W	PWRMITE
D200	4370825	Bottom	P	5	UEMK W-DOG	ENA TO21	TFBGA168
D300	4341397	Bottom	N	7	White LED driver	(LM2795BLX)	USMD14
D400	4370931	Bottom	P	8	UPP8M V2.6 F751986E	C035	UBGA144
D450	4341471	Bottom	S	6	Flash 4MX16	1V8/1V8	VFBGA44
Z003	4550243	Top	C	8	Cer Filt 1575.42+/-	2MHz	4X4X2
Z004	4510367	Top	N	10	Saw Filt 1575+/-2MHz/	2DB	2.6X2.1X1
Z301	4120031	Bottom	T	8	EMI/ESD filt EMIF10-	1K010F1	BGA24
Z602	4511389	Top	J	3	Saw Filt 1850-1910M		2.5X2.0mm

Item	Code	Side	X	Y	Description	Value	Type
Z701	4511387	Top	H	7	Saw Filt 183.6+/-	0.63MHz	7X5X1.3
Z801	4510395	Top	G	6	Isolator PCS 1.85-1.91G	13DB	4X4
Z804	4512159	Top	E	7	Dupl 1850-1910/1930-	1990MHz	24X7
Z902	4511399	Top	G	10	Saw Filt 1960+/-	30MHz/3.5DB	2X2.5
N050	4370947	Top	N	7	TWL5001 GPS BB ASIC	V1.2	
N051	4341269	Top	M	8	Vreg 2.8V/150MA	(LP3985)	USMD5
N054	4370953	Top	N	9	GPS RX TRF5101	PG2.1	PBGA-49
N100	4341269	Bottom	S	4	Vreg 2.8V/150MA	(LP3985)	USMD5
N601	4370941	Top	L	4	Jedi TX RFIC		
N602	4341149	Top	J	3	Switch SPDT GAAS	(UPG168TB)	SC70-6
N700	4370937	Top	J	8	Yoda DIG-V1 Metal Mod	1.F IC	5X5
N800	4341487	Top	H	3	Vreg Elec-ADJ	(CX20504)	MLF16
N801	4219935	Top	J	3	TRX2+4X10K PUMD3	N&P 50V	SOT363
N802	4350393	Top	I	3	PW amp	CX77110	CDMA1900
N805	4120091	Top	H	5	ASIP STPAC01-F1	CDMA PWR DET	BGA8
N901	4370863	Top	H	9	Alfred	LNA/MIXER	VQFN-24
G500	4510383	Top	L	10	VCTCXO 19.2MHz+/-	2.0PPM 2.78V	2MA
G501	4350397	Top	L	8	VCO, 1051-1082, 2108-	2183 MHz	15MA
B001	4510415	Top	O	9	VCO 16.368MHz	2.8V 1.6MA	
B200	4510303	Bottom	Q	3	Crystal 32.768KHz+/-	20PPM	12.5PF
B302	5140159	Top	Q	9	Buzzer 95DB 2670Hz	4.0V	10X12X2
F100	5119019	Top	U	8	Sm Fuse F	1.5A 32V	0603
S300	5209001	Top	B	9	Sm SW Tact SPST	12V 50MA	Side Key
X050	5429021	Bottom	C	8	Sm Conn RF+SW	100V 1W 50R	2.2GHz
X101	5409255	Top	F	5	Sm Lynx batt conn	3POL 12V 2A	H7
X104	5460061	Top	U	5	Sm system connector	14POL	
X302	5469081	Bottom	S	9	Sm conn 2X7M P0.5	SPR.50V	PCB/PCB
X386	5400313	Top	Q	5	Sm SIM Connector	6POL	P2.54
X801	5429021	Bottom	B	3	Sm Conn RF+SW	100V 1W 50R	2.2GHz
X812	5409293	Top	S	3	Antenna Ground Clip	SMD	DMD10149
* A001	9517233	Top	C	7	Can Assy LNA	DMC05581	HDCA2
* A002	9517231	Top	N	8	Can Assy GPS	DMC05582	HDCA2

Item	Code	Side	X	Y	Description	Value	Type
* A700	9517234	Top	J	8	Can Assy RX	DMC05580	HDCA2
** A800	9511077	Top	E	7	Can PCS Duplex	DMD09965	HDCA2
* A801	9517232	Top	J	4	Can Assy TX	DMC05579	HDCA2
** A802	9511076	Top	G	7	Can Cell Duplex	DMD09889	HDCA2

** A001, A002, A700, and A801 shield cans are NOT repairable (only the lids can be serviced). Once removed, they need to be replaced by new ones.*

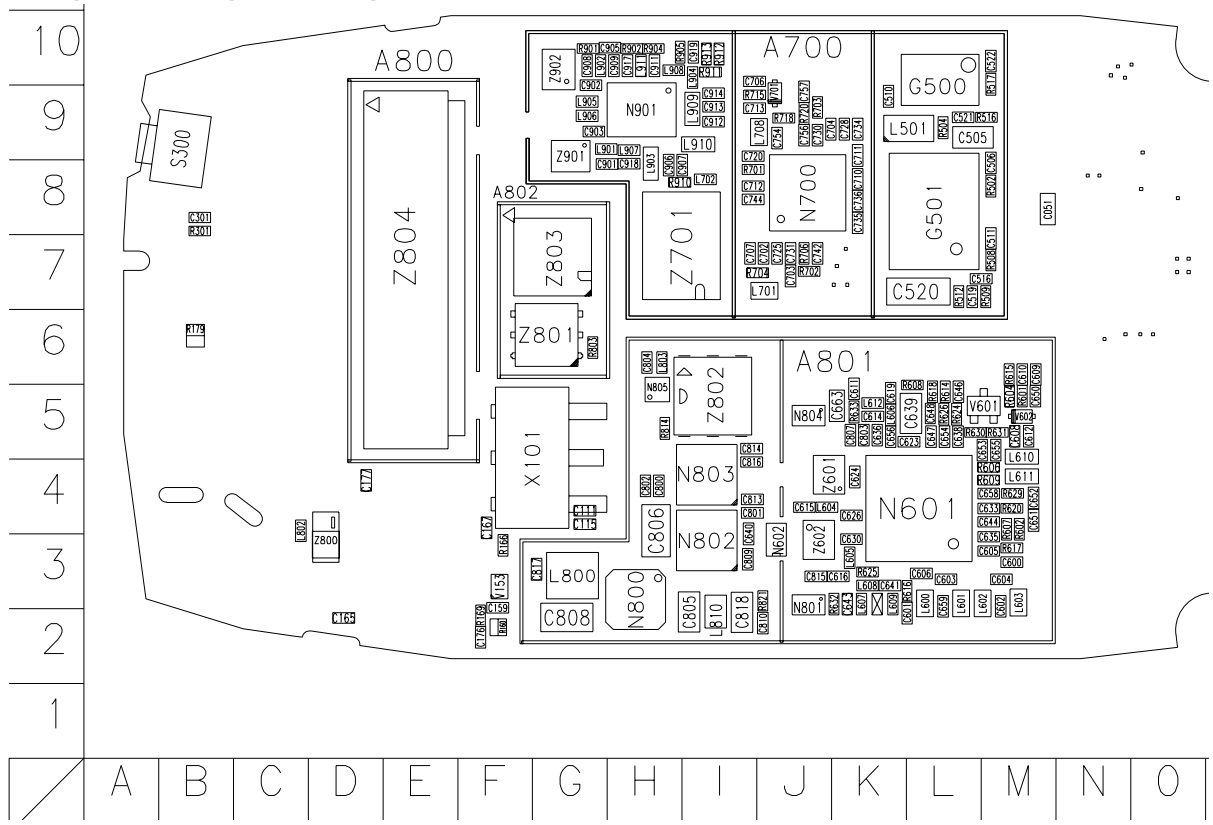
*** A800 and A802 are complete enclosure cans and do not have a lid. These cannot be replaced. Phone may have to be scrapped.*

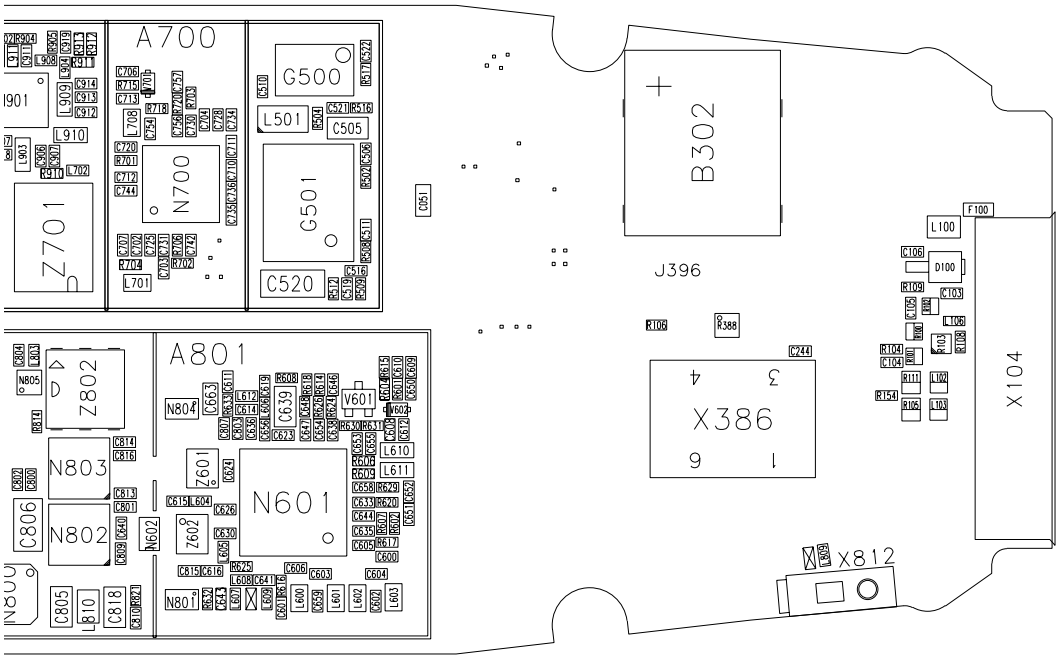
Shield Can Lid Part Codes

Item	Code	Side	X	Y	Description
A001	9511093	Top	C	7	Can Lid LNA
A002	9511094	Top	N	8	Can Lid GPS
A700	9511092	Top	J	8	Can Lid RX
A801	9511091	Top	J	4	Can Lid TX

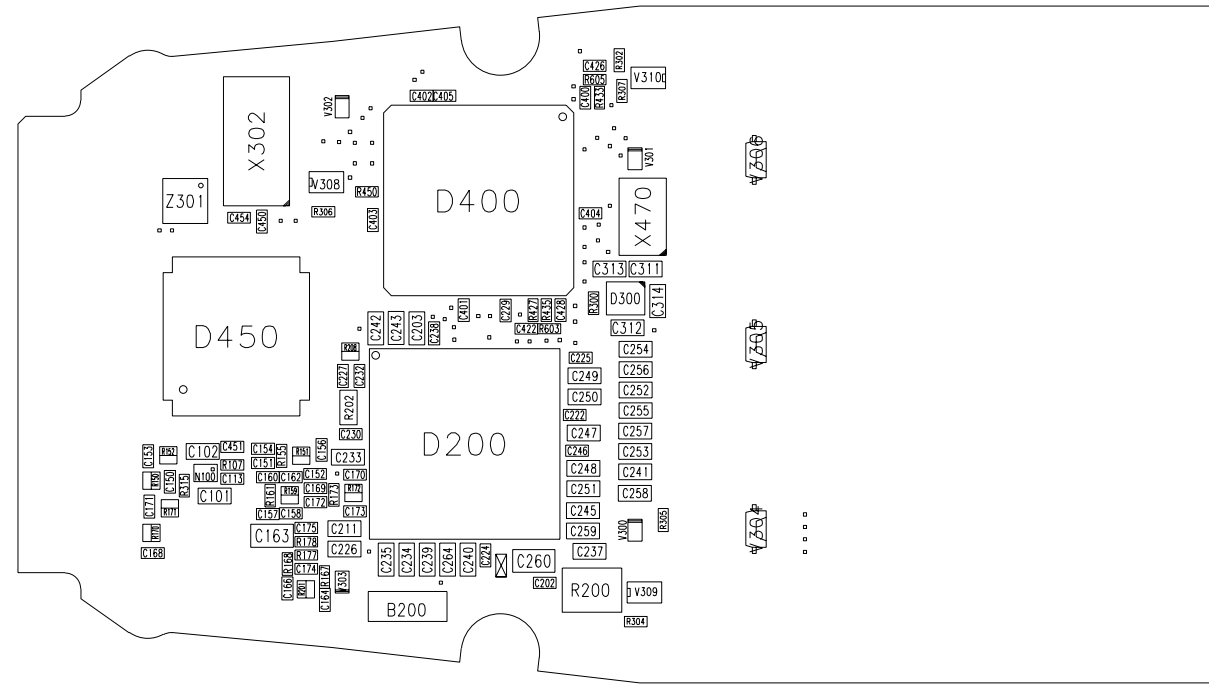
Model 2275

Component Layout - Top





Component Layout - Bottom



RH-3DNG (2275) – EDMS Issue 3.2 Code: 0202107

Item	Code	Side	X	Y	Description	Value	Type
R100	1620027	Top	T	6	res network 0W06	2X47R J	0404
R101	1620027	Top	T	6	res network 0W06	2X47R J	0404
R102	1620027	Top	T	6	res network 0W06	2X47R J	0404
R103	4120011	Top	T	6	ZDIX4 IP4043CX5 CA	14V2 10W	CSP5
R104	1430812	Top	T	6	chip res 0W06	220K J	0402
R105	1825031	Top	T	5	varistor array 2XVWM	16V VC50	0405
R106	1820039	Top	P	6	NTC res 0W1 47K J	B=4050+/-3%	0402
R107	1430804	Bottom	S	5	chip res 0W06	100K J	0402
R108	1430690	Top	U	6	chip res jumper	0R0	0402
R109	1430804	Top	T	7	chip res 0W06	100K J	0402
R111	1825031	Top	T	5	varistor array 2XVWM	16V VC50	0405
R150	1620031	Bottom	T	4	res network 0W06	2X1K0 J	0404
R151	1620031	Bottom	R	5	res network 0W06	2X1K0 J	0404
R152	1620031	Bottom	T	5	res network 0W06	2X1K0 J	0404
R154	1430726	Top	T	5	chip res 0W06	100R J	0402
R155	1430796	Bottom	R	5	chip res 0W06	47K J	0402
R159	1620031	Bottom	R	4	res network 0W06	2X1K0 J	0404
R160	1620031	Top	F	2	res network 0W06	2X1K0 J	0404
R161	1430796	Bottom	S	4	chip res 0W06	47K J	0402
R162	1430754	Bottom	C	4	chip res 0W06	1K0 J	0402
R166	1430700	Top	F	3	chip res 0W06	10R J	0402
R167	1430693	Bottom	R	3	chip res 0W06	5R6 J	0402
R168	1430693	Bottom	R	3	chip res 0W06	5R6 J	0402
R169	1430758	Top	F	2	chip res 0W06	1K5 J	0402
R170	1620031	Bottom	T	4	res network 0W06	2X1K0 J	0404
R171	1620031	Bottom	T	4	res network 0W06	2X1K0 J	0404
R172	1620031	Bottom	Q	4	res network 0W06	2X1K0 J	0404
R173	1430796	Bottom	R	4	chip res 0W06	47K J	0402
R177	1430693	Bottom	R	3	chip res 0W06	5R6 J	0402
R178	1430693	Bottom	R	4	chip res 0W06	5R6 J	0402
R179	1825031	Top	B	6	varistor array 2XVWM	16V VC50	0405

Item	Code	Side	X	Y	Description	Value	Type
R200	1419003	Bottom	N	3	chip res 0W5 0R22 J	200ppm	1210
R201	1620035	Bottom	R	3	res network 0W06	2X10R J	0404
R202	1620067	Bottom	R	5	res network 0W06	4X100K J	0804
R208	1620029	Bottom	R	6	res network 0W06	2X4K7 J	0404
R300	1430728	Bottom	N	7	chip res 0W06	120R J	0402
R301	1430770	Top	B	8	chip res 0W06	4K7 J	0402
R302	1430754	Bottom	N	10	chip res 0W06	1K0 J	0402
R303	1430778	Bottom	D	5	chip res 0W06	10K J	0402
R304	1430728	Bottom	N	3	chip res 0W06	120R J	0402
R305	1430728	Bottom	N	4	chip res 0W06	120R J	0402
R306	1430728	Bottom	R	8	chip res 0W06	120R J	0402
R307	1430728	Bottom	N	9	chip res 0W06	120R J	0402
R315	1430804	Bottom	T	4	chip res 0W06	100K J	0402
R388	4120071	Top	Q	6	ASIP EMIF03-SIM01	SIM filter	BGA8
R427	1430764	Bottom	O	7	chip res 0W06	3K3 J	0402
R433	1430764	Bottom	N	9	chip res 0W06	3K3 J	0402
R435	1430764	Bottom	O	7	chip res 0W06	3K3 J	0402
R450	1430770	Bottom	Q	8	chip res 0W06	4K7 J	0402
R502	1430681	Top	M	8	chip res 0W06	4R3 J	0402
R504	1430718	Top	L	9	chip res 0W06	47R J	0402
R508	1430770	Top	M	7	chip res 0W06	4K7 J	0402
R509	1430770	Top	M	7	chip res 0W06	4K7 J	0402
R512	1430772	Top	L	7	chip res 0W06	5K6 J	0402
R516	1430700	Top	M	9	chip res 0W06	10R J	0402
R517	1430778	Top	M	10	chip res 0W06	10K J	0402
R602	1430726	Top	M	4	chip res 0W06	100R J	0402
R603	1430726	Bottom	O	6	chip res 0W06	100R J	0402
R605	1430726	Bottom	N	9	chip res 0W06	100R J	0402
R606	1430693	Top	M	4	chip res 0W06	5R6 J	0402
R607	1430681	Top	M	4	chip res 0W06	4R3 J	0402
R608	1430681	Top	L	5	chip res 0W06	4R3 J	0402
R609	1430693	Top	M	4	chip res 0W06	5R6 J	0402

Item	Code	Side	X	Y	Description	Value	Type
R614	1430700	Top	L	5	chip res 0W06	10R J	0402
R617	1430681	Top	M	3	chip res 0W06	4R3 J	0402
R618	1430700	Top	L	5	chip res 0W06	10R J	0402
R620	1430700	Top	M	4	chip res 0W06	10R J	0402
R624	1430762	Top	L	5	chip res 0W06	2K2 J	0402
R625	1430756	Top	K	3	chip res 0W06	1K2 J	0402
R626	1430772	Top	L	5	chip res 0W06	5K6 J	0402
R629	1430693	Top	M	4	chip res 0W06	5R6 J	0402
R630	1430772	Top	L	5	chip res 0W06	5K6 J	0402
R631	1430772	Top	M	5	chip res 0W06	5K6 J	0402
R632	1430691	Top	K	3	chip res 0W06	2R2 J	0402
R633	1430681	Top	K	5	chip res 0W06	4R3 J	0402
R701	1430700	Top	I	8	chip res 0W06	10R J	0402
R702	1430754	Top	J	7	chip res 0W06	1K0 J	0402
R703	1430700	Top	J	9	chip res 0W06	10R J	0402
R704	1430746	Top	J	7	chip res 0W06	560R J	0402
R706	1430806	Top	J	7	chip res 0W06	120K J	0402
R715	1430700	Top	I	9	chip res 0W06	10R J	0402
R718	1430772	Top	J	9	chip res 0W06	5K6 J	0402
R720	1430764	Top	J	9	chip res 0W06	3K3 J	0402
R801	1430690	Top	D	4	chip res jumper	0R0	0402
R803	1430754	Top	G	6	chip res 0W06	1K0 J	0402
R821	1820039	Top	J	3	NTC res 0W1 47K J	B=4050+/-3%	0402
R901	1430681	Top	G	10	chip res 0W06	4R3 J	0402
R902	1430796	Top	H	10	chip res 0W06	47K J	0402
R905	1430724	Top	H	10	chip res 0W06	82R J	0402
R908	1430778	Top	H	10	chip res 0W06	10K J	0402
R910	1430693	Top	H	8	chip res 0W06	5R6 J	0402
R911	1430708	Top	I	10	chip res 0W06	18R J	0402
R912	1430738	Top	I	10	chip res 0W06	270R J	0402
R913	1430738	Top	I	10	chip res 0W06	270R J	0402
C051	2320481	Top	M	8	chip cap X5R	1U K 6V3	0603

Item	Code	Side	X	Y	Description	Value	Type
C101	2320481	Bottom	S	4	chip cap X5R	1U K 6V3	0603
C102	2320481	Bottom	S	5	chip cap X5R	1U K 6V3	0603
C103	2320544	Top	T	7	chip cap NP0	22P J 50V	0402
C104	2320544	Top	T	6	chip cap NP0	22P J 50V	0402
C105	2320544	Top	T	6	chip cap NP0	22P J 50V	0402
C106	2320584	Top	T	7	chip cap X7R	1N0 J 50V	0402
C111	2320560	Top	G	4	chip cap NP0	100P J 50V	0402
C113	2320778	Bottom	S	4	chip cap X7R	10N K 16V	0402
C115	2320785	Top	G	4	chip cap X7R	47N K 10V	0402
C150	2320805	Bottom	T	4	chip cap X5R	100N K 10V	0402
C151	2320805	Bottom	S	5	chip cap X5R	100N K 10V	0402
C152	2320552	Bottom	R	4	chip cap NP0	47P J 50V	0402
C153	2320552	Bottom	T	5	chip cap NP0	47P J 50V	0402
C154	2320805	Bottom	S	5	chip cap X5R	100N K 10V	0402
C156	2320552	Bottom	R	5	chip cap NP0	47P J 50V	0402
C157	2320805	Bottom	S	4	chip cap X5R	100N K 10V	0402
C158	2320552	Bottom	R	4	chip cap NP0	47P J 50V	0402
C159	2320552	Top	F	3	chip cap NP0	47P J 50V	0402
C160	2320805	Bottom	S	4	chip cap X5R	100N K 10V	0402
C161	2320805	Bottom	C	4	chip cap X5R	100N K 10V	0402
C162	2320552	Bottom	R	4	chip cap NP0	47P J 50V	0402
C163	2310037	Bottom	S	4	chip cap X5R	10U M 6V3	0805
C164	2320552	Bottom	R	3	chip cap NP0	47P J 50V	0402
C165	2320552	Top	D	2	chip cap NP0	47P J 50V	0402
C166	2320552	Bottom	R	3	chip cap NP0	47P J 50V	0402
C167	2320552	Top	F	4	chip cap NP0	47P J 50V	0402
C168	2320805	Bottom	T	3	chip cap X5R	100N K 10V	0402
C169	2320805	Bottom	R	4	chip cap X5R	100N K 10V	0402
C170	2320552	Bottom	Q	4	chip cap NP0	47P J 50V	0402
C171	2320552	Bottom	T	4	chip cap NP0	47P J 50V	0402
C172	2320805	Bottom	R	4	chip cap X5R	100N K 10V	0402
C173	2320552	Bottom	Q	4	chip cap NP0	47P J 50V	0402

Item	Code	Side	X	Y	Description	Value	Type
C174	2320552	Bottom	R	3	chip cap NP0	47P J 50V	0402
C175	2320552	Bottom	R	4	chip cap NP0	47P J 50V	0402
C176	2320805	Top	F	2	chip cap X5R	100N K 10V	0402
C177	2320552	Top	D	4	chip cap NP0	47P J 50V	0402
C202	2320778	Bottom	O	3	chip cap X7R	10N K 16V	0402
C203	2320481	Bottom	Q	6	chip cap X5R	1U K 6V3	0603
C211	2320481	Bottom	R	4	chip cap X5R	1U K 6V3	0603
C222	2320805	Bottom	O	5	chip cap X5R	100N K 10V	0402
C224	2320143	Bottom	P	3	chip cap X5R	220N K 6.3V	0402
C225	2320805	Bottom	O	6	chip cap X5R	100N K 10V	0402
C226	2320481	Bottom	R	4	chip cap X5R	1U K 6V3	0603
C227	2320778	Bottom	R	6	chip cap X7R	10N K 16V	0402
C229	2320805	Bottom	P	7	chip cap X5R	100N K 10V	0402
C230	2320778	Bottom	R	5	chip cap X7R	10N K 16V	0402
C232	2320778	Bottom	Q	6	chip cap X7R	10N K 16V	0402
C233	2320481	Bottom	R	5	chip cap X5R	1U K 6V3	0603
C234	2320481	Bottom	Q	3	chip cap X5R	1U K 6V3	0603
C235	2320481	Bottom	Q	3	chip cap X5R	1U K 6V3	0603
C237	2320481	Bottom	N	3	chip cap X5R	1U K 6V3	0603
C238	2320805	Bottom	P	6	chip cap X5R	100N K 10V	0402
C239	2320481	Bottom	Q	3	chip cap X5R	1U K 6V3	0603
C240	2320481	Bottom	P	3	chip cap X5R	1U K 6V3	0603
C241	2320481	Bottom	N	5	chip cap X5R	1U K 6V3	0603
C242	2320481	Bottom	Q	6	chip cap X5R	1U K 6V3	0603
C243	2320481	Bottom	Q	6	chip cap X5R	1U K 6V3	0603
C244	2320805	Top	R	6	chip cap X5R	100N K 10V	0402
C245	2320481	Bottom	O	4	chip cap X5R	1U K 6V3	0603
C246	2320805	Bottom	O	5	chip cap X5R	100N K 10V	0402
C247	2320481	Bottom	O	5	chip cap X5R	1U K 6V3	0603
C248	2320481	Bottom	O	5	chip cap X5R	1U K 6V3	0603
C249	2320481	Bottom	O	6	chip cap X5R	1U K 6V3	0603
C250	2320481	Bottom	O	5	chip cap X5R	1U K 6V3	0603

Item	Code	Side	X	Y	Description	Value	Type
C251	2320481	Bottom	O	4	chip cap X5R	1U K 6V3	0603
C252	2320481	Bottom	N	6	chip cap X5R	1U K 6V3	0603
C253	2320481	Bottom	N	5	chip cap X5R	1U K 6V3	0603
C254	2320481	Bottom	N	6	chip cap X5R	1U K 6V3	0603
C255	2320481	Bottom	N	5	chip cap X5R	1U K 6V3	0603
C256	2320481	Bottom	N	6	chip cap X5R	1U K 6V3	0603
C257	2320481	Bottom	N	5	chip cap X5R	1U K 6V3	0603
C258	2320481	Bottom	N	4	chip cap X5R	1U K 6V3	0603
C259	2320481	Bottom	O	4	chip cap X5R	1U K 6V3	0603
C260	2310037	Bottom	O	3	chip cap X5R	10U M 6V3	0805
C264	2320481	Bottom	P	3	chip cap X5R	1U K 6V3	0603
C301	2320778	Top	B	8	chip cap X7R	10N K 16V	0402
C302	2320125	Bottom	D	8	chip cap X5R	1U K16V	0603
C303	2320805	Bottom	C	8	chip cap X5R	100N K 10V	0402
C304	2320805	Bottom	C	8	chip cap X5R	100N K 10V	0402
C311	2320125	Bottom	N	7	chip cap X5R	1U K16V	0603
C312	2320125	Bottom	N	6	chip cap X5R	1U K16V	0603
C313	2320125	Bottom	N	7	chip cap X5R	1U K16V	0603
C314	2320125	Bottom	N	7	chip cap X5R	1U K16V	0603
C316	2320805	Bottom	C	7	chip cap X5R	100N K 10V	0402
C400	2320805	Bottom	O	9	chip cap X5R	100N K 10V	0402
C401	2320805	Bottom	P	7	chip cap X5R	100N K 10V	0402
C402	2320805	Bottom	Q	9	chip cap X5R	100N K 10V	0402
C403	2320805	Bottom	Q	8	chip cap X5R	100N K 10V	0402
C404	2320805	Bottom	N	8	chip cap X5R	100N K 10V	0402
C405	2320805	Bottom	P	9	chip cap X5R	100N K 10V	0402
C422	2320778	Bottom	O	6	chip cap X7R	10N K 16V	0402
C426	2320778	Bottom	N	10	chip cap X7R	10N K 16V	0402
C428	2320778	Bottom	O	7	chip cap X7R	10N K 16V	0402
C450	2320778	Bottom	S	8	chip cap X7R	10N K 16V	0402
C451	2320805	Bottom	S	5	chip cap X5R	100N K 10V	0402
C454	2320778	Bottom	S	8	chip cap X7R	10N K 16V	0402

Item	Code	Side	X	Y	Description	Value	Type
C505	2312243	Top	L	9	chip cap X5R	4U7 K 6V3	0805
C506	2320548	Top	M	8	chip cap NP0	33P J 50V	0402
C510	2320584	Top	K	9	chip cap X7R	1N0 J 50V	0402
C511	2320584	Top	M	7	chip cap X7R	1N0 J 50V	0402
C516	2320588	Top	M	7	chip cap X7R	1N5 J 50V	0402
C519	2320618	Top	L	7	chip cap X7R	4N7 J 25V	0402
C520	2420029	Top	L	7	chip cap PPS	39N G 16V	1206
C521	2320805	Top	L	9	chip cap X5R	100N K 10V	0402
C522	2320584	Top	M	10	chip cap X7R	1N0 J 50V	0402
C600	2320584	Top	M	3	chip cap X7R	1N0 J 50V	0402
C601	2320596	Top	L	2	chip cap X7R	3N3 J 50V	0402
C602	2320548	Top	M	3	chip cap NP0	33P J 50V	0402
C604	2320009	Top	M	3	chip cap NP0	10P J 50V	0402
C605	2320584	Top	M	3	chip cap X7R	1N0 J 50V	0402
C606	2320584	Top	L	3	chip cap X7R	1N0 J 50V	0402
C607	2320534	Top	M	5	chip cap NP0	8P2 C 50V	0402
C611	2320584	Top	K	5	chip cap X7R	1N0 J 50V	0402
C613	2320534	Top	M	5	chip cap NP0	8P2 C 50V	0402
C614	2320520	Top	K	5	chip cap NP0	2P2 C 50V	0402
C615	2320544	Top	J	4	chip cap NP0	22P J 50V	0402
C616	2320778	Top	K	3	chip cap X7R	10N K 16V	0402
C619	2320516	Top	K	5	chip cap NP0	1P5 C 50V	0402
C623	2320520	Top	L	5	chip cap NP0	2P2 C 50V	0402
C626	2320584	Top	K	4	chip cap X7R	1N0 J 50V	0402
C630	2320544	Top	K	3	chip cap NP0	22P J 50V	0402
C633	2320584	Top	M	4	chip cap X7R	1N0 J 50V	0402
C635	2320584	Top	M	3	chip cap X7R	1N0 J 50V	0402
C636	2320805	Top	K	5	chip cap X5R	100N K 10V	0402
C638	2320584	Top	L	5	chip cap X7R	1N0 J 50V	0402
C639	2312243	Top	L	5	chip cap X5R	4U7 K 6V3	0805
C640	2320544	Top	I	3	chip cap NP0	22P J 50V	0402
C641	2320501	Top	K	3	chip cap NP0	1P2 B 50V	0402

Item	Code	Side	X	Y	Description	Value	Type
C643	2320584	Top	K	3	chip cap X7R	1N0 J 50V	0402
C644	2320560	Top	M	4	chip cap NP0	100P J 50V	0402
C646	2320592	Top	L	5	chip cap X7R	2N2 J 50V	0402
C647	2320592	Top	L	5	chip cap X7R	2N2 J 50V	0402
C648	2320771	Top	L	5	chip cap X5R	27N K 10V	0402
C650	2320778	Top	M	5	chip cap X7R	10N K 16V	0402
C651	2320805	Top	M	4	chip cap X5R	100N K 10V	0402
C652	2320778	Top	M	4	chip cap X7R	10N K 16V	0402
C654	2320805	Top	L	5	chip cap X5R	100N K 10V	0402
C656	2320552	Top	K	5	chip cap NP0	47P J 50V	0402
C658	2320584	Top	M	4	chip cap X7R	1N0 J 50V	0402
C663	2320481	Top	K	5	chip cap X5R	1U K 6V3	0603
C702	2320552	Top	J	7	chip cap NP0	47P J 50V	0402
C703	2320778	Top	J	7	chip cap X7R	10N K 16V	0402
C704	2320778	Top	J	9	chip cap X7R	10N K 16V	0402
C706	2320584	Top	I	10	chip cap X7R	1N0 J 50V	0402
C707	2320552	Top	I	7	chip cap NP0	47P J 50V	0402
C710	2320805	Top	K	8	chip cap X5R	100N K 10V	0402
C711	2320538	Top	K	9	chip cap NP0	12P J 50V	0402
C712	2320584	Top	I	8	chip cap X7R	1N0 J 50V	0402
C713	2320620	Top	I	9	chip cap X7R	10N J 16V	0402
C720	2320805	Top	I	9	chip cap X5R	100N K 10V	0402
C725	2320805	Top	J	7	chip cap X5R	100N K 10V	0402
C728	2320760	Top	K	9	chip cap X7R	4N7 K 25V	0402
C730	2320805	Top	J	9	chip cap X5R	100N K 10V	0402
C731	2320805	Top	J	7	chip cap X5R	100N K 10V	0402
C734	2320805	Top	K	9	chip cap X5R	100N K 10V	0402
C735	2320584	Top	K	8	chip cap X7R	1N0 J 50V	0402
C736	2320584	Top	K	8	chip cap X7R	1N0 J 50V	0402
C742	2320805	Top	J	7	chip cap X5R	100N K 10V	0402
C744	2320620	Top	I	8	chip cap X7R	10N J 16V	0402
C754	2320009	Top	J	9	chip cap NP0	10P J 50V	0402

Item	Code	Side	X	Y	Description	Value	Type
C756	2320787	Top	J	9	chip cap X7R	15N K 16V	0402
C757	2320805	Top	J	9	chip cap X5R	100N K 10V	0402
C800	2320584	Top	H	4	chip cap X7R	1N0 J 50V	0402
C801	2320732	Top	I	4	chip cap X7R	330P K 50V	0402
C802	2320564	Top	H	4	chip cap NP0	150P J 50V	0402
C803	2320805	Top	K	5	chip cap X5R	100N K 10V	0402
C804	2320604	Top	H	6	chip cap NP0	18P J 50V	0402
C805	2310037	Top	I	2	chip cap X5R	10U M 6V3	0805
C806	2312255	Top	H	4	chip cap X5R	10U K 10V	1206
C807	2320783	Top	K	5	chip cap X7R	33N K 10V	0402
C808	2312255	Top	G	2	chip cap X5R	10U K 10V	1206
C809	2320778	Top	I	3	chip cap X7R	10N K 16V	0402
C810	2320778	Top	J	2	chip cap X7R	10N K 16V	0402
C815	2320584	Top	J	3	chip cap X7R	1N0 J 50V	0402
C817	2320560	Top	G	3	chip cap NP0	100P J 50V	0402
C818	2310037	Top	I	2	chip cap X5R	10U M 6V3	0805
C902	2320508	Top	G	10	chip cap NP0	1P0 C 50V	0402
C905	2320805	Top	H	10	chip cap X5R	100N K 10V	0402
C906	2320560	Top	H	8	chip cap NP0	100P J 50V	0402
C907	2320524	Top	I	8	chip cap NP0	3P3 C 50V	0402
C908	2320546	Top	G	10	chip cap NP0	27P J 50V	0402
C909	2320560	Top	H	10	chip cap NP0	100P J 50V	0402
C912	2320520	Top	I	9	chip cap NP0	2P2 C 50V	0402
C913	2320596	Top	I	9	chip cap X7R	3N3 J 50V	0402
C914	2320805	Top	I	9	chip cap X5R	100N K 10V	0402
C917	2320546	Top	H	10	chip cap NP0	27P J 50V	0402
C918	2320785	Top	H	8	chip cap X7R	47N K 10V	0402
C919	2320584	Top	I	10	chip cap X7R	1N0 J 50V	0402
L100	3203743	Top	T	7	ferrite bead 0R03	42R/100M 3A	0805
L102	3203801	Top	T	5	chip bead array	2X1000R	0405
L103	3203801	Top	T	5	chip bead array	2X1000R	0405
L106	3203725	Top	T	6	ferrite bead	600R/100MHz	0805

Item	Code	Side	X	Y	Description	Value	Type
L501	4550257	Top	L	9	dir coupler 1066+/-	14MHz	3.2x1.6
L602	3645305	Top	M	3	chip coil 12N G	Q35/250MHz	0603
L603	3645305	Top	M	3	chip coil 12N G	Q35/250MHz	0603
L604	3646009	Top	J	4	chip coil 10N J	Q30/800MHz	0402
L605	3646009	Top	K	3	chip coil 10N J	Q30/800MHz	0402
L606	3646047	Top	K	5	chip coil 3N3+/-0N3	Q28/800M	0402
L607	3646047	Top	K	3	chip coil 3N3+/-0N3	Q28/800M	0402
L608	3646059	Top	K	3	chip coil 5N6+/-0N3	Q28/800M	0402
L609	3646047	Top	K	3	chip coil 3N3+/-0N3	Q28/800M	0402
L612	3646099	Top	K	5	chip coil 2N7+/-0N3	Q29/800M	0402
L613	3645185	Top	M	5	chip coil 10N J	Q12/100MHz	0603
L614	3645185	Top	M	4	chip coil 10N J	Q12/100MHz	0603
L701	3645243	Top	J	7	chip coil 47N G	Q38/200MHz	0603
L702	3646027	Top	I	8	chip coil 33N J	Q7/100MHz	0402
L708	3645213	Top	J	9	chip coil 22N J	Q38/250MHz	0603
L800	3640133	Top	G	3	chip coil 2U7 K	Q21/1MHz	3.0X3.4
L802	3646081	Top	C	4	chip coil 68N J	Q17/300MHz	0402
L803	3646009	Top	H	6	chip coil 10N J	Q30/800MHz	0402
L809	3646033	Top	S	3	chip coil 1N0+/-0N3	Q8/100M	0402
L810	3203705	Top	I	2	ferrite bead 0.015R	42R/100M	0805
L902	3646099	Top	G	10	chip coil 2N7+/-0N3	Q29/800M	0402
L903	3645161	Top	H	8	chip coil 150N J	Q14/100MHz	0603
L904	3646053	Top	I	10	chip coil 4N +/-0N3	Q28/800M	0402
L905	3646405	Top	G	9	chip coil 6N2 J	Q20/250MHz	0402
L909	3645161	Top	I	9	chip coil 150N J	Q14/100MHz	0603
L910	3645011	Top	I	9	chip coil 68NH J	Q12/100MHz	0603
L911	3646065	Top	H	10	chip coil 12N J	Q31/800MHz	0402
V153	4120061	Top	F	3	ASIP 2 lines EMI/ESD	filter	BGA6
V300	4860339	Bottom	N	4	LED LWL88S		
V301	4860339	Bottom	N	8	LED LWL88S		
V302	4860339	Bottom	R	9	LED LWL88S		
V303	4860339	Bottom	R	3	LED LWL88S		

Item	Code	Side	X	Y	Description	Value	Type
V304	4860317	Bottom	L	4	LED LWY87C White 140	MCD@20MA	120'
V305	4860317	Bottom	L	6	LED LWY87C White 140	MCD@20MA	120'
V306	4860317	Bottom	L	8	LED LWY87C White 140	MCD@20MA	120'
V308	4219937	Bottom	R	8	TRX2 UMT1/PUMT1	P40V100MA	SOT363
V309	4219937	Bottom	N	3	TRX2 UMT1/PUMT1	P40V100MA	SOT363
V310	4219937	Bottom	N	10	TRX2 UMT1/PUMT1	P40V100MA	SOT363
V601	4110945	Top	M	5	CAP DIX2 BBY57-05W	4P7/17P	SOT323
V701	4110921	Top	J	9	CAP DI BBY57-02W	1/4 16/4P	SOD523
D100	4113721	Top	T	7	TVS DI 1PMT16AT3	16V 175W	PWRMITE
D200	4370825	Bottom	P	5	UEMK W-DOG	ENA TO21	TFBGA168
D300	4341397	Bottom	N	7	White LED driver	(LM2795BLX)	USMD14
D400	4370931	Bottom	P	8	UPP8M V2.6 F751986B	C035	UBGA144
D450	4341471	Bottom	S	6	Flash 4MX16	1V8/1V8	VFBGA44
Z301	4120031	Bottom	T	8	EMI/ESD filt EMIF10-	1K010F1	BGA24
Z602	4511389	Top	J	3	Saw Filt 1850-1910M		2.5X2.0mm
Z701	4511387	Top	H	7	Saw Filt 183.6+/-	0.63MHz	7X5X1.3
Z801	4510395	Top	G	6	Isolator PCS 1.85-1.91G	13DB	4X4
Z804	4512159	Top	E	7	Dupl 1850-1910/1930-	1990MHz	24X7
Z902	4511399	Top	G	10	Saw Filt 1960+/-	30MHz/3.5DB	2X2.5
N100	4341269	Bottom	S	4	Vreg 2.8V/150MA	(LP3985)	USMD5
N601	4370941	Top	L	4	Jedi TX RFIC		
N602	4341149	Top	J	3	Switch SPDT GAAS	(UPG168TB)	SC70-6
N700	4370937	Top	J	8	Yoda DIG-V1 Metal Mod	1.F IC	5X5
N800	4341487	Top	H	3	Vreg Elec-ADJ	(CX20504)	MLF16
N801	4219935	Top	J	3	TRX2+4X10K PUMD3	N&P 50V	SOT363
N802	4350393	Top	I	3	PW amp	CX77110	CDMA1900
N805	4120091	Top	H	5	ASIP STPAC01-F1	CDMA PWR DET	BGA8
N901	4370863	Top	H	9	Alfred	LNA/MIXER	VQFN-24
G500	4510383	Top	L	10	VCTCXO 19.2MHz+/-	2.0PPM 2.78V	2MA
G501	4350397	Top	L	8	VCO, 1051-1082, 2108-	2183 MHz	15MA
B200	4510303	Bottom	Q	3	Crystal 32.768KHz+/-	20PPM	12.5PF
B302	5140159	Top	Q	9	Buzzer 95DB 2670Hz	4.0V	10X12X2

Item	Code	Side	X	Y	Description	Value	Type
F100	5119019	Top	U	8	Sm Fuse F	1.5A 32V	0603
S300	5209001	Top	B	9	Sm SW Tact SPST	12V 50MA	Side Key
X101	5409255	Top	F	5	Sm Lynx batt conn	3POL 12V 2A	H7
X104	5460061	Top	U	5	Sm system connector	14POL	
X302	5469081	Bottom	S	9	Sm conn 2X7M P0.5	SPR.50V	PCB/PCB
X386	5400313	Top	Q	5	Sm SIM connector	6POL	P2.54
X801	5429021	Bottom	B	3	Sm Conn RF+SW	100V 1W 50R	2.2GHz
X812	5409293	Top	S	3	Antenna Ground Clip	SMD	DMD10149
* A700	9517234	Top	J	8	Can Assy RX	DMC05580	HDCA2
** A800	9511077	Top	E	7	Can PCS Duplex	DMD09965	HDCA2
* A801	9517232	Top	J	4	Can Assy TX	DMC05579	HDCA2
** A802	9511076	Top	G	7	Can Cell Duplex	DMD09889	HDCA2

** A700 and A801 shield cans are NOT repairable (only the lids can be serviced). Once removed, they need to be replaced by new ones.*

*** A800 and A802 are complete enclosure cans and do not have a lid. These cannot be replaced. Phone may have to be scrapped.*

Shield Can Lid Part Codes

Item	Code	Side	X	Y	Description
A700	9511092	Top	J	8	Can Lid RX
A801	9511091	Top	J	4	Can Lid TX